

AUTHOR and SUBJECT INDEXES

VOLUME 70

January—June 1981

AUTHOR INDEX—VOLUME 70

- Aber RC, 899
 Ahmad M, 887
 Alford RH, 445
 Alleman A, 1051
 Allen J, 1175
 Allen JR, 389
 Alling DW, 655
 Ariefi AI, 1163
 Arruda JAL, 786
 Asakawa H, 1127
 Ashraf N, 1163
 Askari AD, 870
 Avramides A, 1122
 Ayyar DR, 891
- Baker CJ, 698
 Baldini LM, 702
 Baldwin DS, 227
 Ball JT, 1078
 Balow JE, 320
 Band JD, 739
 Barland P, 1067
 Baroness JA, 223
 Barron KD, 1181
 Bass R, 320
 Batist G, 1288
 Battle DC, 786
 Batts DH, 906
 Berk SL, 247
 Betteridge JD, 59
 Billingham ME, 1275
 Blass JP, 1247
 Bliziotis MM, 373
 Block AJ, 506
 Bluestein HG, 240
 Blumenthal DS, 1005
 Bollet AJ, 12
 Bottone EJ, 39
 Boysen PG, 506
 Bradley E, 1027
 Brandstetter RD, 895
 Braude AI, 463
 Brenner BM, 77
 Britt MR, 655, 677
 Broadus AE, 475
 Brockmeier L, 1175
 Brosius FC III, 519
 Brown D, 906
 Brown DM, 603
 Browne K, 867
 Broyer M, 493
 Buda AJ, 1144
 Bunn HF, 325
 Burke JP, 655
 Bustad L, 17
 Bynum LJ, 808
- Cahill GF Jr, 101
 Calabro JJ, 1210
 Callin A, 992
 Cantor B, 506
 Caplan ES, 638
 Carerra GF, 23
 Carrie BJ, 262
 Carroll RJ, 960
 Casewell MW, 459
 Casper J, 1027
- Chaganti RSK, 1280
 Chan HSL, 1073
 Chan WY, 535
 Cheely R, 17
 Chien S, 1195
 Chou T-C, 1175
 Christian CL, 817
 Cipriano PR, 1144
 Clark H, 1085
 Coleman ML, 677
 Collet H, 1001
 Colordyn F, 1267
 Conti M, 655
 Cosgrove DE, 887
 Cosimi AB, 405
 Craighead JE, 127
 Cross AS, 681
 Crossley KB, 51
 Crystal RG, 542
 Cudmore M, 906
 Culver DH, 947, 960, 971
 Cupps TR, 882
 Czech MP, 142
- Dale DC, 1085
 Damsker B, 39
 Dannaher CL, 279
 Davie JM, 589
 Davis FB, 210
 Davis JL, 373
 Davis PJ, 210
 Dawood MY, 535
 Day NK, 1097
 Deck JHN, 1203
 Delany DJ, 17
 DeLellis RA, 320
 Delepesse G, 1001
 DeLorenzo AJD, 316
 De Reuck J, 1267
 Deutsch AL, 1189
 DeVita VT Jr, 844
 Diez J, 311
 Dinwoodie WR, 1222
 Ditchey RV, 1042
 Dixon RE, 379, 389, 393, 976
 Douglas H, 463
 Duchateau J, 1001
 Duffy TE, 1247
 Dunkle LM, 455
 Dunkman WB, 234
 Dupont B, 1280
- Ehrenkranz NJ, 909
 Eickhoff TC, 381
 Emori TG, 933, 947, 971
 Endo T, 1127
 Eng RHK, 867
 England AC III, 707
- Farrar WE, 445
 Featherstone H, 1085
 Fekety R, 906
 Feldman JM, 361
 Ferguson DR, 1011
 Ferrans VJ, 542
- Fields HL, 745
 Fine JD, 1133
 Finke EH, 589
 Finland M, 247
 Fisch C, 4
 Fowler NO, 1175
 Fowles RE, 1144
 Frame B, 316
 Fraser DW, 432, 707
 Freedman MH, 1073
 Freedman MR, 1011
 Freeman J, 915
 Friedland GH, 702
 Friedman HM, 215
 Froelicher V, 987
 Frohman LA, 995
 Fuchs F, 535
 Fulmer JD, 542
- Gabbe SG, 613
 Gadek JE, 542
 Gale E, 177
 Galton DJ, 59
 Garay SM, 269
 Garcia M, 316
 Gardiner GW, 1203
 Garibaldi RA, 655, 677
 Garner JS, 933
 Geerdink RA, 1051
 Gepts W, 105
 Gerich JE, 169, 619
 Gerstenblith G, 1005
 Gibson GE, 1247
 Gillooley JF, 1288
 Gluck FW, 1017
 Goldberg S, 234
 Goldman A, 1222
 Goldmann DA, 417, 702
 Goldring RM, 269
 Gonzales G, 493
 Good RA, 1280
 Goodnough LT, 531
 Goodwin RA Jr, 864
 Goossen C, 1280
 Gornick CC, 859
 Gotto AM Jr, 989
 Grace MP, 1288
 Grace WR, 1288
 Graf RJ, 195
 Gravino FN, 1293
 Grayzel AI, 1067
 Gribetz AR, 39
 Griggs RC, 1136
 Griggs TR, 17
 Gruebel BJ, 1136
 Gubler M, 493
 Guisantes J, 311
- Habib R, 493
 Hackeng WHL, 1051
 Haider YS, 775
 Halar E, 195
 Haley RW, 51, 933, 941, 947, 960, 971
 Hall CB, 670
 Halter JB, 195, 579
 Halter SA, 1017
- Hardison CD, 947
 Harper GR, 1181
 Harrell JH, 1189
 Harris ED Jr, 1231
 Harris MB, 1280
 Harrison DC, 1144
 Harriott TJ, 1133
 Hartmann R, 1222
 Harvey AM, 483, 759, 1158
 Hässemmer CA, 733
 Haupt HM, 256
 Haynes HA, 1133
 Heger JJ, 1151
 Henney JE, 844
 Henry DP, 825
 Hermos JA, 782
 Hightower AW, 389
 Hill R, 1169
 Hines S, 1091
 Hirschfield JS, 1272
 Holland OB, 762
 Hollander J, 1136
 Holzbach RT, 1011
 Hooton TM, 947, 960, 971
 Horne MK III, 288
 Horton J, 1181
 Houston M, 1091
 Hoyt N, 638
 Hughes JA, 887
 Hughes WT, 412
 Hunninghake GW, 542
 Hunt SA, 1144
 Hunt TK, 712
 Husby G, 31
 Huston DP, 320
 Hutchins GM, 256
- Ibarrola AS, 311
 Imes NK, 1061
 Inman RD, 817, 1097
 Ippoliti AF, 1293
- Jackson GG, 467
 Jackson GM, 316
 Jackson WPU, 627
 Jacobs P, 627
 Jacobson JA, 655
 Jarrett MP, 1067
 Jaspán J, 1017
 Jensen R, 1222
 Jones D, 1027
 Jones NAG, 59
 Jones RC, 864
 Jones RL, 339
 Jones TC, 998
 Jovanovic L, 331
- Kabins SA, 449
 Kahn FW, 859
 Kakkav VV, 59
 Kallen RJ, 531
 Kaplan AP, 755
 Kaplan HS, 487
 Kaplan JE, 769
 Kaplan MM, 1115

- Kapoor N, 1280
 Kasselberg AG, 1017
 Kennedy VA, 659
 Kernoff L, 627
 Khuroo MI, 252
 Khuroo MS, 252
 Kikuchi K, 1127
 Kim K-H, 906
 Kimberly RP, 817
 Kirkpatrick D, 1280
 Kirschner PA, 39
 Klaff LJ, 627
 Kleerekoper M, 316
 Klein I, 891
 Klein JO, 919
 Kligfield P, 275
 Kolterman OG, 151
 Kooker CJ, 1051
 Kortan P, 1203
 Kozin F, 23
 Kris M, 998
 Kuhnert L, 762
 Kurtzman NA, 786
- Lacy PE, 589
 LaForce FM, 664
 Lameire N, 1267
 Lane J, 1280
 Laragh JH, 1195
 Larsen PR, 1115
 Larson EL, 641
 Lavigne MH, 895
 Lecompte PM, 105
 Lederberg J, 9
 Leech JA, 1169
 Lenfant C, 1155
 Leo JR, 1051
 Leonidas J-R, 1122
 Lernmark A, 135
 Letcher RL, 1195
 Levey GS, 891
 Levine JD, 745
 Levy M, 493
 Lewis HD, 924
 Lewis SB, 373
 Li TCM, 998
 Lidwell OM, 693
 Liljenquist JE, 1017
 Lindeman P, 44
 Lindsey S, 506
 Line BR, 542
 Lips KJM, 1051
 Lockshin MD, 817
 Locksley R, 1163
 Lofgren JP, 455
 Loflin HB, 659
 Lopez C, 1280
 Louria DB, 867
 Lowenstein J, 227
 Lyman GH, 1222
- Mackel DC, 899
 Madias NE, 1078
 Maki DG, 719, 733, 739, 928
 Makker SP, 531
 Makuch R, 1027
 Males JL, 1061
 Mallison GF, 941
 Manaligod J, 786
 Mandarin LJ, 169
 Marks SH, 992
 Martin C, 506
- Martin SM, 389
 Maseri A, 752
 Masi AT, 1210
 Mauer SM, 603
 Maynard JE, 439
 Mazzaferri EL, 511
 McAdam KPWJ, 320
 McCallum R, 455
 McCartney WH, 17
 McCormick RD, 928
 McCutchan JA, 463
 McDonald EC, 875
 McDermott W, 833
 McDougal JS, 817
 McGee ZA, 445
 McGowan JE Jr, 51, 915
 McKenna BA, 1136
 McLaren GD, 870
 Mellits ED, 1005
 Meyers WF, 646
 Millan VG, 1078
 Miller DJ, 924
 Miller JA, 1133
 Miller KA, 1210
 Milunsky A, 7
 Minder WH, 1051
 Molitch ME, 803
 Monfa JM, 311
 Moody MR, 646
 Moore GW, 256
 Mordes JP, 353
 Morgan WM, 960
 Moser KM, 1189
 Mozes MF, 786
 Muir A, 870
 Mukherji B, 803
 Munakata J, 1127
 Murray GC, 1033
 Murray HW, 895
 Myers BD, 262
- Naizot C, 493
 Naqvi SH, 455
 Narayan JL, 1272
 Nerup J, 135
 Newman KA, 423
 Nichols RL, 686
 Nixon JV, 762
 Nomura T, 1127
 Nusbacher J, 1136
- Okumura H, 1127
 Olefsky JM, 151
 Olson DE, 65
 O'Reilly RJ, 1280
 Orr WC, 1061
 Oshima H, 1
 Otake M, 1127
- Pabico RC, 1136
 Pace NL, 677
 Palmer DL, 769
 Panner BJ, 1136
 Pantelick EL, 924
 Pardo J, 311
 Pare JAP, 1169
 Parker M, 891
 Parkey RW, 808
 Pasternak RC, 747
 Patek AJ Jr, 782
 Perloff JK, 1293
 Perrin D, 493
- Perry JR, 17
 Persellin RH, 1033
 Petersdorf RG, 1085
 Peterson CM, 331, 339
 Peterson KL, 1042
 Petty TL, 65
 Pfeifer MA, 195, 579
 Phillips I, 459
 Pickering TG, 1195
 Pizzo PA, 631
 Pollack MS, 1280
 Polonsky K, 1017
 Popper H, 218
 Porte D Jr, 195, 579
 Portlock CS, 487
 Praet M, 1267
 Preston D, 1222
 Preston GA, 641
 Price A, 1181
 Prokipchuk EJ, 1203
 Prystowsky EN, 1151
 Pulsinelli W, 1247
 Purroy A, 311
- Quade D, 947
- Rabin D, 1017
 Rand LI, 595
 Rao DS, 316
 Rasmussen H, 475
 Reading JC, 677
 Reichek N, 234
 Remington JS, 1215
 Reynolds CA, 247
 Rice PA, 247
 Richman AV, 1272
 Richter EA, 201
 Rimoin DL, 116
 Ringoir S, 1267
 Rizza RA, 169
 Roberson G, 1181
 Roberts R, 221
 Roberts WC, 519, 775
 Robertson D, 1091
 Roboz J, 797
 Rockey PH, 1085
 Rodichok LD, 1181
 Rohatgi PK, 44
 Rose JS, 1280
 Rosen JF, 1280
 Rosenberg SA, 487
 Rosner IA, 870
 Rossini AA, 353
 Rost CR, 373
 Rotter JL, 116
 Roup B, 681
 Rubens CE, 445
 Rubin RH, 405
 Ruckdeschel JC, 1181
 Ruderman NB, 201
 Rutala WA, 659
 Ryan JW, 44
 Ryan LM, 23
- Saba H, 1222
 Sablay LB, 1067
 Saito H, 531
 Salyer WR, 262
 Sandbach J, 1027
 Sarubbi FA Jr, 659
 Sattler FR, 1215
 Saunders EF, 1073
- Schaberg DR, 51, 445, 947
 Schacht RG, 227
 Schaffner W, 445
 Schatz GD, 947
 Schimpff SC, 423, 646
 Schneider SH, 201
 Schraufnagel DE, 1169
 Schroeder JS, 1144
 Schuler G, 1042
 Schultz TA, 373
 Schwartz S, 803
 Schweizer M, 1155
 Sealey JE, 1195
 Sellkoff LJ, 218
 Selzer A, 747
 Sen P, 867
 Shachtman RH, 947
 Shah BV, 947
 Shebert R, 891
 Sherman RL, 817
 Short EM, 1275
 Shukovsky L, 1222
 Silva J Jr, 906
 Skidmore S, 252
 Skillman TG, 361
 Skorecki KL, 77
 Skyler JS, 101
 Smolens P, 479
 Sobrini B, 311
 Soeldner JS, 183
 Sofi MA, 252
 Soin JS, 23
 Solt LC, 1203
 Sorell M, 1280
 Spector R, 221
 Sporn MB, 1231
 Stacpoole PW, 1017
 Stamm W, 651
 Stamm WE, 393, 641
 Stanek AE, 1122
 Stanley RC, 947
 Stauffer JL, 65
 Stead EA Jr, 1161
 Steere AC, 924
 Steffes MW, 603
 Stein JH, 479
 Stein L, 825
 Steinberg AD, 240
 Stinson EB, 1144
 Straus SE, 882
 Struyvenberg A, 1051
 Swartz SL, 1115
- Tamburro CH, 279
 Tattersall R, 177
 Tauber AI, 1237
 Teirstein AS, 39
 Teli MR, 252
 Terrin BN, 1280
 Toffe RW, 859
 Toloff-Rubin NE, 405
 Torti FM, 487
 Townsend TR, 412
 Troen P, 1
 Tully JL, 702
 Tung KSK, 31, 769
 Turck M, 651
 Turino GM, 269
- Van Der Bel-Kahn J, 1175
 Van Der Sluys Veer J, 1051

AUTHOR INDEX

Vanholder R, 1267
 Van Waes PFGM, 1051
 Vesell ES, 221
 Vine D, 1280
 Vinik AI, 627
 Von Allmen SD, 51
 Von Hoff DD, 1027
 Vrijens R, 1001

Waldmann TA, 882
 Wallace EZ, 1122

Wallace JF, 1085
 Wallace JM, 1189
 Waller BF, 519
 Walter L, 1067
 Wanless IR, 1203
 Weinberger MH, 825
 Weiner D, 998
 Weinstein AJ, 887
 Weinstein RA, 393, 449
 Weisman MH, 875
 Weiss JL, 1005
 Weiss RB, 844
 White JW, 960, 971

Wiernik PH, 423
 Williams CC, 1222
 Williams GW, 240
 Williams RC Jr, 31
 Wilson CB, 875
 Wilson JE III, 808
 Wilson JR, 234
 Winkle RA, 1275
 Wittebol P, 1051
 Wolfson JS, 405
 Wortmann RL, 23
 Wynia VH, 17
 Wynne JW, 506

Yam LT, 279
 Yeatman LA, 1293
 Young LS, 398
 Young RL, 511
 Young VM, 423, 646
 Yu T-F, 797
 Yunus M, 1210

Zahavi J, 59
 Ziegler EJ, 463
 Zipes DP, 1151

SUBJECT INDEX—VOLUME 70

E = Editorial; CPC = Clinicopathologic Conference; MSS = Medicine, Science and Society; CCBSS = Combined Clinical and Basic Science Seminars

Abdominal pain

Rheumatoid arthritis with Felty's syndrome, hyperviscosity and immunologic hyperreactivity (CPC), 89

Academic medical center, role of

Medicine in a disrupted society: the role of the academic medical center (MSS), 898

Acetylcholine

Brain dysfunction in mild to moderate hypoxia (CCBSS), 1247

Acidosis

Pathogenesis of hyperchloremic metabolic acidosis associated with kidney transplantation, 786

Actinomycetoma

Primary cutaneous nocardia asteroides infection with dissemination, 859

Acyclovir

Successful treatment with acyclovir of an immunodeficient patient infected simultaneously with multiple herpesviruses, 882

Adenosine monophosphate

Clinical evaluation of parathyroid function (E), 475

Adjuvant therapy

Multimodal treatment of primary breast carcinoma, 844

Adrenalectomy, bilateral

Bilateral occurrence of pheochromocytoma in patients with the multiple endocrine neoplasia syndrome type 2A (Sipple's syndrome), 1051

Adrenal medullary hyperplasia

Bilateral occurrence of pheochromocytoma in patients with the multiple endocrine neoplasia syndrome type 2A (Sipple's syndrome), 1051

Adrenal rest tumors

Endocrine studies in a patient with functioning adrenal rest tumor of the liver, 1122

Adrenocortical carcinoma

Endocrine studies in a patient with functioning adrenal rest tumor of the liver, 1122

Adult respiratory distress syndrome

Pulmonary research: advances and clinical implications (E), 1155

Aged

Beneficial effects of oral zinc supplementation on the immune response of old people, 1001
Electrocardiogram in the aged: an independent marker of heart disease? (E), 4

Airborne bacteria

Airborne bacteria and surgical infection, 893

Alcoholism

Recovery from alcoholism in cirrhotic patients, 782

Aldosterone deficiency

Pathogenesis of hyperchloremic metabolic acidosis associated with kidney transplantation, 786

Allergic reactions

Pathogenic basis of urticaria and angioedema: recent advances (E), 755

Alpha adrenergic blockade

Increase in plasma norepinephrine during prazosin therapy for chronic congestive heart failure, 825

Alport's syndrome

Alport's syndrome, 493

Alveolar hypoventilation syndromes

Sustained reversal of chronic hypercapnia in patients with alveolar hypoventilation syndromes, 269

Alveolitis

Interstitial lung disease: current concepts of pathogenesis, staging and therapy, 542

Amniocentesis

Prenatal diagnosis of genetic disorders (E), 7

Amphotericin B

Candida pericarditis, 867

Amyloid

Amyloidosis in systemic lupus erythematosus, 320

Amyloidosis

Amyloidosis in systemic lupus erythematosus, 320

Analgesia

Biology of placebo analgesia (E), 745

Ancient diseases

Rise and fall of disease (MSS), 12

Androgen excess

Hirsutism progressing to virilization in an older woman (CPC), 1255

Anemia

See also specific type
Sickle cell anemia as a rheologic disease, 288

Angina

Coronary arterial spasm versus esophageal spasm, 1293

Angina pectoris

Revival of coronary spasm (E), 752

Angioedema

Pathogenic basis of urticaria and angioedema: recent advances (E), 755

Angiography

Role of noninvasive tests versus pulmonary angiography in the diagnosis of pulmonary embolism, 17

Angioplasty

Percutaneous transluminal renal angioplasty in the treatment of unilateral atherosclerotic renovascular hypertension, 1078

Angiosarcoma

Occupational carcinogenesis: the Louisville experience with vinyl chloride-associated hepatic angiosarcoma, 279

Occupational carcinogenesis: the Louisville experience with vinyl chloride-associated hepatic angiosarcoma, 279

Angiotensin converting enzyme

Value of serial measurement of serum angiotensin converting enzyme in the management of sarcoidosis, 44

Animal models

Animal models of diabetes, 353

Ankylosing spondylitis

Cervical fracture complicating ankylosing spondylitis, 1033

Family studies with HLA typing in Reiter's syndrome, 1210

Antibiotic prophylaxis

Considerations of antibiotic prophylaxis in nonsurgical high risk patients, 467

Antibiotic-resistance

Aspects of the plasmid-mediated antibiotic resistance and epidemiology of *Klebsiella* species, 459

Emergence of corynebacteria as a cause of nosocomial infections in compromised hosts, 646

Eradication of epidemic methicillin-gentamicin-resistant staphylococcus aureus in an intensive care nursery, 455

Antibiotics, prophylactic

Surgical wound infections: an overview, 712

Use of prophylactic antibiotics in surgical practice, 686

Value of protective isolation in preventing nosocomial infections in high risk patients, 631

Antibodies

Cerebrospinal fluid antibodies to neuronal cells: association with neuropsychiatric manifestations of systemic lupus erythematosus, 240

Anticoagulant therapy

Role of noninvasive tests versus pulmonary angiography in the diagnosis of pulmonary embolism, 17

Antigen

See specific type

Antimicrobial resistance

Evolution of antimicrobial resistance and nosocomial infection, 445

Nosocomial infections—a 1980 view: progress, priorities and prognosis, 381

Antineoplastic agents

Association between human tumor colony-forming assay results and response of an individual patient's tumor to chemotherapy, 1027

Antisepsis

Surgical wound infections: an overview, 712

Aorticopulmonary paraganglioma

Aorticopulmonary paraganglioma and gastric leiomyoblastoma in a young woman, 1288

Aortic stenosis

Congenital heart disease in a male adult (CPC), 1107

Aplastic anemia

Lithium therapy of children with chronic neutropenia, 1073

Apnea

- Menopause, medroxyprogesterone and breathing during sleep, 506
- Myxedema and obstructive sleep apnea, 1061

Ara-C lung

- Ara-C lung: noncardiogenic pulmonary edema complicating cytosine arabinoside therapy of leukemia, 256

Arterial pressure monitoring

- Endemic rate of fluid contamination and related septicemia in arterial pressure monitoring, 733

Arteriography

- Role of coronary arteriography in the evaluation of patients with coronary artery disease (E), 747

Arteriography, femoral

- Regression of atherosclerosis (E), 989

Arthritis

- See also specific type
- Case against seronegative rheumatoid arthritis (E), 992

Arthropathy

- Arthropathy, hypouricemia and normal serum iron studies in hereditary hemochromatosis, 870

Artificial airways

- Complications and consequences of endotracheal intubation and tracheotomy, 65

Asepsis

- Surgical wound infections: an overview, 712

Aspergillus flavus

- Granulomatous mediastinitis due to aspergillus flavus in a nonimmunosuppressed patient, 887

Atherosclerosis

- Regression of atherosclerosis (E), 989

Auscultation

- Laennec and the discovery of mediate auscultation, 275

Autoimmunity

- Autoimmunity in insulin-dependent diabetes mellitus, 135

Autonomic dysfunction

- Clinical spectrum of autonomic dysfunction, 1091

Autonomic nervous system

- Coronary artery spasm in the denervated transplanted human heart, 1144

Autonomic neuropathy

- Diabetes and exercise, 201

Bacitracin

- Comparative study of polyantibiotic and iodophor ointments in prevention of vascular catheter-related infection, 739

Back pain

- Early diagnosis of spinal epidural metastases, 1181

Bacteremia

- Endemic rate of fluid contamination and related septicemia in arterial pressure monitoring, 733
- Nosocomial bacteremia, 719
- Nosocomial infection of the urinary tract, 651
- Teichoic acid antibody and circulating immune complexes in the management of staphylococcus aureus bacteremia, 769

Bacteria

- Airborne bacteria and surgical infection, 693

Bacteria

- Bacteria newly recognized as nosocomial pathogens, 432
- Emergence of coryneform bacteria as a cause of nosocomial infections in compromised hosts, 646

Bacteria control

- Strategies for prevention and control of multiple drug-resistant nosocomial infection, 449

Bacterial colonization

- Bacterial colonization and infection in the neonate, 417

Bacterial infection

- Immunization against nosocomial infection, 463

Bacteriuria

- Prevention of catheter-associated urinary tract infections, 655

B-cell function

- Insulin secretion in diabetes mellitus, 579

Bernard-Soulier syndrome

- Fever, pharyngitis and lymphadenopathy in a patient with the Bernard-Soulier syndrome (CPC), 852

Bile acid retention

- Pruritus in cholestasis: no direct causative role for bile acid retention, 1011

Bipyridilium compounds

- Diquat intoxication, 1267

Bleeding

- Bleeding of the upper gastrointestinal tract and a hepatic mass (CPC), 299
- Heparin therapy in venous thromboembolism, 808

Blood glucose control

- Sulfonylureas and platelet function, 627

Blood pressure

- Direct relationship between blood pressure and blood viscosity in normal and hypertensive subjects, 1195

Blood rheology

- Sickle cell anemia as a rheologic disease, 288

Blood viscosity

- Direct relationship between blood pressure and blood viscosity in normal and hypertensive subjects, 1195

B lymphocytes

- Characterization of renal tissue lymphocytes in patients with interstitial nephritis, 31

Body fluid homeostasis

- Body fluid homeostasis in man, 77

Bone

- Histoplasmosis of bone, 664

Bone marrow morphology

- Lithium therapy of children with chronic neutropenia, 1073

Bone marrow transplant

- Marrow transplantation for juvenile osteopetrosis, 1260

Bone scintigraphy

- Early diagnosis of spinal epidural metastases, 1181

Brain dysfunction

- Brain dysfunction in mild to moderate hypoxia (CCBSS), 1247

Brain metabolism

- Brain dysfunction in mild to moderate hypoxia (CCBSS), 1247

Breast cancer

- Multimodal treatment of primary breast carcinoma, 844

Breathing

- Menopause, medroxyprogesterone and breathing during sleep, 506

Bronchoalveolar lavage

- Interstitial lung disease: current concepts of pathogenesis, staging and therapy, 542

Bronchoscopy

- Bronchoscopy and transbronchial biopsy in evaluation of patients with suspected active tuberculosis, 1189

Calcium carbonate

- Acute severe hypercalcemia: a la Munchausen, 316

Cancer

- See also Carcinoma, Malignancy and specific type

- Association between human tumor colony-forming assay results and response of an individual patient's tumor to chemotherapy, 1027

- Is prolactin secreted ectopically? 803

- Lithium carbonate in patients with small cell lung cancer receiving combination chemotherapy, 1222

- Nosocomial infections in immunocompromised children, 412

Candida pericarditis

- Candida pericarditis, 867

Candidiasis

- Cutaneous lesions in disseminated candidiasis mimicking ecthyma gangrenosum, 1133

Carbohydrate intolerance

- Mechanisms of insulin resistance in man, 169

Carbohydrate metabolism

- Diabetes mellitus in pregnancy: have all the problems been solved? (E), 613

Carbon dioxide narcosis

- Sustained reversal of chronic hypercapnia in patients with alveolar hypoventilation syndromes, 269

Carcinogenesis

- Occupational carcinogenesis: the Louisville experience with vinyl chloride-associated hepatic angiosarcoma, 279

Carcinoma

- See also Cancer, Tumor and specific type

- Bleeding of the upper gastrointestinal tract and a hepatic mass (CPC), 299

- Multimodal treatment of primary breast carcinoma, 844

Cardiac autonomic innervation

- Coronary artery spasm in the denervated transplanted human heart, 1144

Cardiac death

- Sudden cardiac death (E), 1151

Cardiac output

- Effect of diuresis on the performance of the failing left ventricle in man, 234

Cardiomegaly

- Pneumococcal pericarditis: a persisting problem in contemporary diagnosis, 247

Cardiomyopathy

- Myocardial involvement in idiopathic hemochromatosis, 1275

Cardiovascular complications

- Lithium carbonate in patients with small cell lung cancer receiving combination chemotherapy, 1222

Cardiovascular disease

Role of coronary arteriography in the evaluation of patients with coronary artery disease (E), 747

Carney's triad

Aorticopulmonary paraganglioma and gastric leiomyoblastoma in a young woman, 1288

Catecholamines

Coronary artery spasm in the denervated transplanted human heart, 1144

Catheter care

Nosocomial infection of the urinary tract, 651

Catheter-related infection

Comparative study of polyantibiotic and iodophor ointments in prevention of vascular catheter-related infection, 739
Prevention of catheter-associated urinary tract infections, 655

Cell-mediated autoimmunity

Autoimmunity in insulin-dependent diabetes mellitus, 135

Cell-mediated immunity

Characterization of renal tissue lymphocytes in patients with interstitial nephritis, 31

Central nervous system disease

Cerebrospinal fluid antibodies to neuronal cells: association with neuropsychiatric manifestations of systemic lupus erythematosus, 240

Cerebral edema

Superior vena caval obstruction, 1169

Cerebrospinal fluid antibodies

Cerebrospinal fluid antibodies to neuronal cells: association with neuropsychiatric manifestations of systemic lupus erythematosus, 240

Cervical fracture

Cervical fracture complicating ankylosing spondylitis, 1033

Chemoprophylaxis

Considerations of antibiotic prophylaxis in nonsurgical high risk patients, 467
Nosocomial infections—a 1980 view: progress, priorities and prognosis, 381

Chemotaxis

Current views of neutrophil dysfunction, 1237

Chemotherapy

Aorticopulmonary paraganglioma and gastric leiomyoblastoma in a young woman, 1288

Ara-C lung: noncardiogenic pulmonary edema complicating cytosine arabinoside therapy of leukemia, 256

Association between human tumor colony-forming assay results and response of an individual patient's tumor to chemotherapy, 1027

Extralympathic Hodgkin's disease, 487

Lessons learned from surveillance cultures in patients with acute nonlymphocytic leukemia, 423

Multimodal treatment of primary breast carcinoma, 844

Occupational carcinogenesis: the Louisville experience with vinyl chloride-associated hepatic angiosarcoma, 279

Cholestasis

Pruritus in cholestasis: no direct causative role for bile acid retention, 1011

Cimetidine therapy

Acute interstitial nephritis and acute renal failure associated with cimetidine therapy, 1272

Circulating catecholamines

Coronary artery spasm in the denervated transplanted human heart, 1144

Circulating immune complexes

Teichoic acid antibody and circulating immune complexes in the management of staphylococcus aureus bacteremia, 769

Cirrhosis, alcoholic

Recovery from alcoholism in cirrhotic patients, 782

Clinical pharmacology

Clinical pharmacology: a new specialty (E), 221

Clinicopathologic Conferences

Bleeding of the upper gastrointestinal tract and a hepatic mass, 299
Congenital heart disease in a male adult, 1107

Fever, pharyngitis and lymphadenopathy in a patient with the Bernard-Soulier syndrome, 852

Hirsutism progressing to virilization in an older woman, 1255

Nephrotic syndrome in a patient with rheumatoid arthritis, 569

Rheumatoid arthritis with Felty's syndrome, hyperviscosity and immunologic hyperactivity, 89

Clostridium difficile

Epidemiology of antibiotic-associated colitis, 906

Coagulation

Hematologic alterations in diabetes mellitus, 339

Coagulation abnormalities

Urinary excretion of Hageman factor [factor XII] and the presence of nonfunctional Hageman factor in the nephrotic syndrome, 531

Colitis

Epidemiology of antibiotic-associated colitis, 906

Collagen/collagenase

Proliferative diseases, 1231

Colonization

Bacterial colonization and infection in the neonate, 417

Hospital-acquired gram-negative rod pneumonias: an overview, 664

Colony-stimulating activity assay

Lithium therapy of children with chronic neutropenia, 1073

Combined Clinical and Basic Science**Seminars**

Brain dysfunction in mild to moderate hypoxia, 1247

Immunologic and clinical aspects of immune complex disease, 1097

Communicable diseases

Techniques and uses of nosocomial infection surveillance in U.S. hospitals, 1976-1977, 933

Comparative toxicology

Comparative toxicology, environmental health and national productivity (MSS), 9

Compromised hosts

Emergence of coryneform bacteria as a cause of nosocomial infections in compromised hosts, 646

Congenital defects

Prenatal diagnosis of genetic disorders (E), 7

Congenital heart disease

Congenital heart disease in a male adult (CPC), 1107

Congenital malformations

Diabetes mellitus in pregnancy: have all the problems been solved? (E), 613

Contemporary diagnosis

Pneumococcal pericarditis: a persisting problem in contemporary diagnosis, 247

Control programs

Progress report on the evaluation of the efficacy of infection surveillance and control programs, 971

Coronary arterial spasm

Coronary arterial spasm versus esophageal spasm, 1293

Coronary arteriography

Role of coronary arteriography in the evaluation of patients with coronary artery disease (E), 747

Coronary disease

Coronary arterial disease in systemic lupus erythematosus, 775

Predictive value of a strongly positive stress test in patients with minimal symptoms, 1005

Radiation heart disease, 519

Regression of atherosclerosis (E), 989

Role of coronary arteriography in the evaluation of patients with coronary artery disease (E), 747

Coronary spasm

Coronary artery spasm in the denervated transplanted human heart, 1144

Revival of coronary spasm (E), 752

Corticosteroids, systemic

Reflex sympathetic dystrophy syndrome (RSDS), 23

Corticosteroid therapy

Coronary arterial disease in systemic lupus erythematosus, 775

Value of serial measurement of serum angiotensin converting enzyme in the management of sarcoidosis, 44

Coryneform bacteria

Emergence of coryneform bacteria as a cause of nosocomial infections in compromised hosts, 646

Cost and cost analysis

Extra charges and prolongation of stay attributable to nosocomial infections: a prospective interhospital comparison, 51

Cross infection

Extra charges and prolongation of stay attributable to nosocomial infections: a prospective interhospital comparison, 51

Joint associations of multiple risk factors with the occurrence of nosocomial infection, 960

Microbiologic sampling of the inanimate environment in U.S. hospitals, 1976-1977, 941

Nosocomial infections in U.S. hospitals, 1975-1976, 947

Secular trends in nosocomial infections: 1970-1979, 389

Cushing's syndrome

Endocrine studies in a patient with functioning adrenal rest tumor of the liver, 1122

Cutaneous lesions

Cutaneous lesions in disseminated candidiasis mimicking ecthyma gangrenosum, 1133

Cystitis

Studies of the pathogenesis of interstitial cystitis, obstructive uropathy, and intestinal malabsorption in a patient with systemic lupus erythematosus, 875

Cysts, pneumocystis carinii

Intravenous trimethoprim-sulfamethoxazole therapy for *Pneumocystis carinii* pneumonia, 1215

Cytomegalovirus

Cytomegalovirus: subclinical infection or disease? (E), 215

Cytosine arabinoside therapy

Ara-C lung: noncardiogenic pulmonary edema complicating cytosine arabinoside therapy of leukemia, 256

Death

Thiazide-induced hyponatremia associated with death or neurologic damage in outpatients, 1163

Death rates

Absence of indicators of the influence of its physicians on a society's health, 833

Degranulation

Current views of neutrophil dysfunction, 1237

Devices

Treatment of diabetes mellitus by devices, 183

Dextran clearance

Minimal change nephropathy: an electrochemical disorder of the glomerular membrane, 262

Diabetes

See also specific type

Animal models of diabetes, 353
Clinical utility of glycosylated hemoglobin, 331

Diabetes and exercise, 201

Kidney in diabetes, 603

Nonenzymatic glycosylation of protein: relevance to diabetes, 325

Patient self-monitoring of blood glucose and refinements of conventional insulin treatment, 177

Pharmacology of sulfonylureas, 361

Somatostatin and diabetes, 619

Diabetes mellitus

See also Symposium on Diabetes Mellitus

Diabetes mellitus in pregnancy: have all the problems been solved? (E), 613

Diabetes mellitus: progress and directions, 101

Effect of sulfonylurea therapy and plasma glucose levels on hemoglobin A_{1c} in type II diabetes mellitus, 373

Hematologic alterations in diabetes mellitus, 339

Insulin secretion in diabetes mellitus, 579

Pancreatic islets in diabetes, 105

Sulfonylureas and platelet function, 627

Treatment of diabetes mellitus by devices, 183

Water metabolism in diabetes mellitus, 210

Diabetic nephropathy

Kidney in diabetes, 603

Diabetic neuropathy

Diabetic neuropathy and plasma glucose control, 195

Diabetic retinopathy

Recent advances in diabetic retinopathy, 595

Diagnostic criteria

Reflex sympathetic dystrophy syndrome (RSDS), 23

Dialysis

Kidney in diabetes, 603

Diquat intoxication

Diquat intoxication, 1267

Disease

See also specific type

Cytomegalovirus: subclinical infection or disease? (E), 215

Rise and fall of disease (MSS), 12

Disrupted society

Medicine in a disrupted society: the role of the academic medical center (MSS), 998

Disseminated candidiasis

Cutaneous lesions in disseminated candidiasis mimicking ecthyma gangrenosum, 1133

Disseminated infection

Primary cutaneous nocardia asteroides infection with dissemination, 859

Diuretics

Effect of diuresis on the performance of the failing left ventricle in man, 234
Renal failure in minimal change nephrotic syndrome, 227

Diuretic therapy

Diuretic-induced ventricular ectopic activity, 762

Doppler flow examination

Role of noninvasive tests versus pulmonary angiography in the diagnosis of pulmonary embolism, 17

Drug-sensitive assay

Association between human tumor colony-forming assay results and response of an individual patient's tumor to chemotherapy, 1027

Drug toxicity

Ara-C lung: noncardiogenic pulmonary edema complicating cytosine arabinoside therapy of leukemia, 256

Dyshormonogenesis

Endocrine studies in a patient with functioning adrenal rest tumor of the liver, 1122

Dysmenorrhea

Prostaglandins in primary dysmenorrhea, 535

Echinococcosis

Membranous glomerulonephritis secondary to hydatid disease, 311

Echocardiography

Reliability of echocardiographic and electrocardiographic parameters in assessing serial changes in left ventricular mass, 1042

Ecthyma gangrenosum

Cutaneous lesions in disseminated candidiasis mimicking ecthyma gangrenosum, 1133

Ectopic hormone production

Ectopic hormone production (E), 995

Edema

See also specific type

Nephrotic syndrome in a patient with rheumatoid arthritis (CPC), 569

Editorials

Biology of placebo analgesia, 745

Case against seronegative rheumatoid arthritis, 992

Clinical evaluation of parathyroid function, 475

Clinical pharmacology: a new specialty, 221

Cytomegalovirus: subclinical infection or disease? 215

Diabetes mellitus in pregnancy: have all the problems been solved? 613

Ectopic hormone production, 995

Electrocardiogram in the aged: an independent marker of heart disease? 4

Endocrine and environmental influences on sexual roles, 1

Exercise and health, 987

Pathogenic basis of urticaria and angioedema: recent advances, 755

Pathophysiology of acute renal failure, 479

Prenatal diagnosis of genetic disorders, 7

Pulmonary research: advances and clinical implications, 1155

Regression of atherosclerosis, 989

Revival of coronary spasm, 752

Role of coronary arteriography in the evaluation of patients with coronary artery disease, 747

Sudden cardiac death, 1151

What is environmental pathology? 218

Electrocardiographic monitoring

Diuretic-induced ventricular ectopic activity, 762

Electrocardiography

Electrocardiographic diagnosis of right ventricular infarction, 1175

Reliability of echocardiographic and electrocardiographic parameters in assessing serial changes in left ventricular mass, 1042

Electrochemical disorders

Minimal change nephropathy: an electrochemical disorder of the glomerular membrane, 262

Embolism, pulmonary

Role of noninvasive tests versus pulmonary angiography in the diagnosis of pulmonary embolism, 17

Emphysema

Pulmonary research: advances and clinical implications (E), 1155

Employee health

Hepatitis B infection in hospital personnel during an eight-year period, 924

Employee health service

Epidemiology of needle-stick injuries in hospital personnel, 928

E myeloma protein

Immunoglobulin E (IgE) multiple myeloma, 1127

Endemic infections

Comparison of endemic and epidemic nosocomial infections, 393

Endocardial biopsy

Myocardial involvement in idiopathic hemochromatosis, 1275

Endocrinology

Endocrine and environmental influences on sexual roles (E), 1

Endocrine studies in a patient with functioning adrenal rest tumor of the liver, 1122

Familial glucagonoma syndrome, 1017

- Endotracheal intubation**
Complications and consequences of endotracheal intubation and tracheotomy, 65
- Environmental biology**
Microbiologic sampling of the inanimate environment in U.S. hospitals, 1976-1977, 941
- Environmental factors**
Autoimmunity in insulin-dependent diabetes mellitus, 135
Viral diabetes mellitus in man and experimental animals, 127
- Environmental health**
Comparative toxicology, environmental health and national productivity (MSS), 9
Rise and fall of disease (MSS), 12
- Environmental influences**
Endocrine and environmental influences on sexual roles (E), 1
- Environmental pathology**
What is environmental pathology? (E), 218
- Epidemic control**
Comparison of endemic and epidemic nosocomial infections, 393
Eradication of epidemic methicillin-gentamicin-resistant staphylococcus aureus in an intensive care nursery, 455
Strategies for prevention and control of multiple drug-resistant nosocomial infection, 449
- Epidemiologic control**
Aspects of the plasmid-mediated antibiotic resistance and epidemiology of *Klebsiella* species, 459
Joint associations of multiple risk factors with the occurrence of nosocomial infection, 960
- Epidemiology**
Aspects of the plasmid-mediated antibiotic resistance and epidemiology of *Klebsiella* species, 459
Epidemiologic typing of nosocomial microorganisms, 899
Infection in the renal transplant recipient, 405
Nosocomial infections—a 1980 view: progress, priorities and prognosis, 381
- Ergonovine**
Coronary arterial spasm versus esophageal spasm, 1293
- Erythematous**
See specific type
- Esophageal spasm**
Coronary arterial spasm versus esophageal spasm, 1293
- Exercise**
Diabetes and exercise, 201
Exercise and health (E), 987
- Exercise testing**
Diuretic-induced ventricular ectopic activity, 762
Predictive value of a strongly positive stress test in patients with minimal symptoms, 1005
- Extracellular fluid volume**
Body fluid homeostasis in man, 77
- Extralymphatic lesions**
Extralymphatic Hodgkin's disease, 487
- Extramedullary hematopoiesis**
Marrow transplantation for juvenile osteopetrosis, 1280
- Eye disease**
Recent advances in diabetic retinopathy, 595
- Factor XII**
Urinary excretion of Hageman factor [factor XII] and the presence of nonfunctional Hageman factor in the nephrotic syndrome, 531
- Familial glucagonoma syndrome**
Familial glucagonoma syndrome, 1017
- Family studies**
Family studies with HLA typing in Reiter's syndrome, 1210
- Feedback model**
Insulin secretion in diabetes mellitus, 579
- Felty's syndrome**
Rheumatoid arthritis with Felty's syndrome, hyperviscosity and immunologic hyperactivity (CPC), 89
- Fetal monitoring**
Diabetes mellitus in pregnancy: have all the problems been solved? (E), 613
- Fever**
Fever, pharyngitis and lymphadenopathy in a patient with the Bernard-Soulier syndrome (CPC), 852
Lithium carbonate in patients with small cell lung cancer receiving combination chemotherapy, 1222
- Fiberoptic bronchoscopy**
Bronchoscopy and transbronchial biopsy in evaluation of patients with suspected active tuberculosis, 1189
- Fibrinogen**
Direct relationship between blood pressure and blood viscosity in normal and hypertensive subjects, 1195
- Fibrosis, pulmonary**
Interstitial lung disease: current concepts of pathogenesis, staging and therapy, 542
- Filtration fraction**
Renal failure in minimal change nephrotic syndrome, 227
- Fluid contamination**
Endemic rate of fluid contamination and related septicemia in arterial pressure monitoring, 733
- Fluid disorders**
Renal failure in minimal change nephrotic syndrome, 227
Thiazide-induced hyponatremia associated with death or neurologic damage in outpatients, 1163
- Fracture of cervical spine**
Cervical fracture complicating ankylosing spondylitis, 1033
- Gallium scintigraphy**
Interstitial lung disease: current concepts of pathogenesis, staging and therapy, 542
- Gas chromatography**
Pruritus in cholestasis: no direct causative role for bile acid retention, 1011
- Gastric leiomyoblastoma**
Aorticopulmonary paraganglioma and gastric leiomyoblastoma in a young woman, 1288
- Gastrointestinal tract**
Bleeding of the upper gastrointestinal tract and a hepatic mass (CPC), 299
- Gender identity**
Endocrine and environmental influences on sexual roles (E), 1
- Genetic disorders**
Prenatal diagnosis of genetic disorders (E), 7
- Genetics**
Animal models of diabetes, 353
Autoimmunity in insulin-dependent diabetes mellitus, 135
Genetics of the glucose intolerance disorders, 116
Pancreatic islets in diabetes, 105
- Gentamicin-resistant *Klebsiella***
Aspects of the plasmid-mediated antibiotic resistance and epidemiology of *Klebsiella* species, 459
- Gestational diabetes**
Diabetes mellitus in pregnancy: have all the problems been solved? (E), 613
- Gliclazide**
Sulfonylureas and platelet function, 627
- Glomerular basement membrane**
Alport's syndrome, 493
Kidney in diabetes, 603
Minimal change nephropathy: an electrochemical disorder of the glomerular membrane, 262
- Glomerular factors**
Pathophysiology of acute renal failure (E), 479
- Glomerular filtration**
Renal failure in minimal change nephrotic syndrome, 227
- Glomerulonephritis**
Membranous glomerulonephritis secondary to hydatid disease, 311
- Glucagonoma syndrome**
Familial glucagonoma syndrome, 1017
- Glucagon secretion**
Familial glucagonoma syndrome, 1017
Somatostatin and diabetes, 619
- Glucose**
Clinical utility of glycosylated hemoglobin, 331
Insulin secretion in diabetes mellitus, 579
Nonenzymatic glycosylation of protein: relevance to diabetes, 325
- Glucose control**
Diabetic neuropathy and plasma glucose control, 195
Hematologic alterations in diabetes mellitus, 339
Patient self-monitoring of blood glucose and refinements of conventional insulin treatment, 177
- Glucose intolerance**
Genetics of the glucose intolerance disorders, 116
- Glucose tolerance**
Diabetes and exercise, 201
Pancreatic islets in diabetes, 105
- Glyburide**
Sulfonylureas and platelet function, 627
- Glycine**
Long-term follow-up of incorporation of ¹⁵N from glycine into uric acid in gout, 797
- Glycosylation**
Nonenzymatic glycosylation of protein: relevance to diabetes, 325
- Golter**
David Marine: America's pioneer thyroidologist (MSS), 483
- Gout**
Long-term follow-up of incorporation of ¹⁵N from glycine into uric acid in gout, 797

- Gram-negative bacilli**
Hospital-acquired gram-negative rod pneumonias: an overview, 664
- Granulomas**
Solitary pulmonary nodules due to nontuberculous mycobacterial infection, 39
- Granulomatosis**
Value of serial measurement of serum angiotensin converting enzyme in the management of sarcoidosis, 44
- Granulopoiesis**
Lithium therapy of children with chronic neutropenia, 1073
- Growth-hormone release inhibiting factor**
Somatostatin and diabetes, 619
- Hageman factor**
Urinary excretion of Hageman factor [factor XII] and the presence of nonfunctional Hageman factor in the nephrotic syndrome, 531
- Health care**
Absence of indicators of the influence of its physicians on a society's health, 833
Exercise and health (E), 987
Management of infections in hospital employees, 919
Medicine in a disrupted society: the role of the academic medical center (MSS), 998
- Health policy**
Public policy and patient care: implications for internal medicine (MSS), 223
- Health surveys**
Microbiologic sampling of the inanimate environment in U.S. hospitals, 1976-1977, 941
Nosocomial infections in U.S. hospitals, 1975-1976, 947
Techniques and uses of nosocomial infection surveillance in U.S. hospitals, 1976-1977, 933
- Health workers**
Physician's assistant and internal medicine (MSS), 1161
- Heart disease**
See also Cardiac disease, Coronary artery disease and specific type
Congenital heart disease in a male adult (CPC), 1107
Coronary arterial disease in systemic lupus erythematosus, 775
Electrocardiogram in the aged: an independent marker of heart disease? (E), 4
Predictive value of a strongly positive stress test in patients with minimal symptoms, 1005
Revival of coronary spasm (E), 752
Sudden cardiac death (E), 1151
- Heart failure**
Congenital heart disease in a male adult (CPC), 1107
Effect of diuresis on the performance of the failing left ventricle in man, 234
Increase in plasma norepinephrine during prazosin therapy for chronic congestive heart failure, 825
Myocardial involvement in idiopathic hemochromatosis, 1275
- Heart transplantation**
Coronary artery spasm in the denervated transplanted human heart, 1144
- Hematemesis**
Bleeding of the upper gastrointestinal tract and a hepatic mass (CPC), 299
- Hematology**
Hematologic alterations in diabetes mellitus, 339
- Hematopoiesis**
Marrow transplantation for juvenile osteopetrosis, 1280
- Hematuria**
Alport's syndrome, 493
- Hemochromatosis**
Arthropathy, hypouricemia and normal serum iron studies in hereditary hemochromatosis, 870
Myocardial involvement in idiopathic hemochromatosis, 1275
- Hemodynamic monitoring**
Endemic rate of fluid contamination and related septicemia in arterial pressure monitoring, 733
- Hemodynamics**
Effect of diuresis on the performance of the failing left ventricle in man, 234
Electrocardiographic diagnosis of right ventricular infarction, 1175
Increase in plasma norepinephrine during prazosin therapy for chronic congestive heart failure, 825
Renal failure in minimal change nephrotic syndrome, 227
- Hemoglobin A_{1c}**
Effect of sulfonylurea therapy and plasma glucose levels on hemoglobin A_{1c} in type II diabetes mellitus, 373
Nonenzymatic glycosylation of protein: relevance to diabetes, 325
- Hemoglobin, glycosylated**
Clinical utility of glycosylated hemoglobin, 331
Nonenzymatic glycosylation of protein: relevance to diabetes, 325
- Hemorrhage**
Heparin therapy in venous thromboembolism, 808
- Heparin therapy**
Heparin therapy in venous thromboembolism, 808
- Hepatic angiosarcoma**
Occupational carcinogenesis: the Louisville experience with vinyl chloride-associated hepatic angiosarcoma, 279
- Hepatic disease**
See also Liver disease
What is environmental pathology? (E), 218
- Hepatic dysfunction**
Recovery from alcoholism in cirrhotic patients, 762
- Hepatic mass**
Bleeding of the upper gastrointestinal tract and a hepatic mass (CPC), 299
Endocrine studies in a patient with functioning adrenal rest tumor of the liver, 1122
- Hepatitis**
Epidemiology of needle-stick injuries in hospital personnel, 928
Incidence and severity of viral hepatitis in pregnancy, 252
- Hepatitis B infection**
Hepatitis B infection in hospital personnel during an eight-year period, 924
Nosocomial viral hepatitis, 439
- Hepatoma**
Bleeding of the upper gastrointestinal tract and a hepatic mass (CPC), 299
- Herbicides**
Diquat intoxication, 1267
- Hereditary disorders**
Arthropathy, hypouricemia and normal serum iron studies in hereditary hemochromatosis, 870
Genetics of the glucose intolerance disorders, 116
Prenatal diagnosis of genetic disorders (E), 7
- Herpesviruses, multiple**
Successful treatment with acyclovir of an immunodeficient patient infected simultaneously with multiple herpesviruses, 862
- High-resolution roentgenography**
Reflex sympathetic dystrophy syndrome (RSDS), 23
- Hirsutism**
Hirsutism progressing to virilization in an older woman (CPC), 1255
- Histoplasma capsulatum**
Histoplasmosis of bone, 864
- Histoplasma duboisii**
Histoplasmosis of bone, 864
- Histoplasmosis**
Histoplasmosis of bone, 864
- HLA antigen**
Family studies with HLA typing in Reiter's syndrome, 1210
- HLA typing**
Family studies with HLA typing in Reiter's syndrome, 1210
- Hodgkin's disease**
Extralymphatic Hodgkin's disease, 487
- Hoffmann's syndrome**
Hypothyroidism presenting as muscle stiffness and pseudohypertrophy: Hoffmann's syndrome, 891
- Homeostasis**
Body fluid homeostasis in man, 77
- Hormone production**
Is prolactin secreted ectopically? 803
- Hormone resistance**
Partial peripheral resistance to thyroid hormone, 1115
- Hormones**
Ectopic hormone production (E), 995
Endocrine and environmental influences on sexual roles (E), 1
Proliferative diseases, 1231
- Hospital-acquired infection**
Comparison of endemic and epidemic nosocomial infections, 393
Evolution of antimicrobial resistance and nosocomial infection, 445
Hospital-acquired gram-negative rod pneumonias: an overview, 664
Nosocomial infection of the urinary tract, 651
Risk factors for postoperative pneumonia, 677
Role of respiratory assistance devices in endemic nosocomial pneumonia, 681
- Hospital economics**
Extra charges and prolongation of stay attributable to nosocomial infections: a prospective interhospital comparison, 51
- Hospital employees**
Management of infections in hospital employees, 919

- Hospital environment**
Differential risks of nosocomial infection, 915
Epidemiology of antibiotic-associated colitis, 906
Microbiologic sampling of the inanimate environment in U.S. hospitals, 1976-1977, 941
- Hospital infection control**
Commentary, 979
- Hospital infections**
Joint associations of multiple risk factors with the occurrence of nosocomial infection, 960
Nosocomial infections in U.S. hospitals, 1975-1976, 947
Prevention of catheter-associated urinary tract infections, 655
Techniques and uses of nosocomial infection surveillance in U.S. hospitals, 1976-1977, 933
- Hospital personnel**
Epidemiology of needle-stick injuries in hospital personnel, 928
Hepatitis B infection in hospital personnel during an eight-year period, 924
- Human tumor cloning assay**
Association between human tumor colony-forming assay results and response of an individual patient's tumor to chemotherapy, 1027
- Hydatid antigen**
Membranous glomerulonephritis secondary to hydatid disease, 311
- Hydatid disease**
Membranous glomerulonephritis secondary to hydatid disease, 311
- Hydrocephalus**
Ventriculoatrial shunting for hydrocephalus complicating tuberculous meningitis, 895
- Hydrogen ion transport**
Pathogenesis of hyperchloremic metabolic acidosis associated with kidney transplantation, 786
- Hypercalcemia**
Acute severe hypercalcemia a la Munchausen, 316
- Hypercapnia**
Sustained reversal of chronic hypercapnia in patients with alveolar hypoventilation syndromes, 269
- Hypercholesterolemia**
Coronary arterial disease in systemic lupus erythematosus, 775
- Hyperfibrinogenemia**
Direct relationship between blood pressure and blood viscosity in normal and hypertensive subjects, 1195
- Hyperglucagonemia**
Familial glucagonoma syndrome, 1017
- Hyperglycemia**
Clinical utility of glycosylated hemoglobin, 331
Diabetic neuropathy and plasma glucose control, 195
Hematologic alterations in diabetes mellitus, 339
Insulin secretion in diabetes mellitus, 579
Water metabolism in diabetes mellitus, 210
- Hyperinsulinemia**
Mechanisms of insulin resistance in obesity and noninsulin-dependent (type II) diabetes, 151
- Hyperlipidemia**
Enhanced in vivo platelet release reaction and malondialdehyde formation in patients with hyperlipidemia, 59
- Hyperplasia**
Bilateral occurrence of pheochromocytoma in patients with the multiple endocrine neoplasia syndrome type 2A (Sipple's syndrome), 1051
Nodular regenerative hyperplasia of the liver associated with macroglobulinemia, 1203
- Hyperprolactinemia**
Is prolactin secreted ectopically? 803
- Hyperreactivity**
Rheumatoid arthritis with Felty's syndrome, hyperviscosity and immunologic hyperreactivity (CPC), 89
- Hypersomnolence**
Myxedema and obstructive sleep apnea, 1061
- Hypertension**
See also specific type
Coronary arterial disease in systemic lupus erythematosus, 775
Direct relationship between blood pressure and blood viscosity in normal and hypertensive subjects, 1195
Diuretic-induced ventricular ectopic activity, 762
Nodular regenerative hyperplasia of the liver associated with macroglobulinemia, 1203
Percutaneous transluminal renal angioplasty in the treatment of unilateral atherosclerotic renovascular hypertension, 1078
- Hyperviscosity syndrome**
Nodular regenerative hyperplasia of the liver associated with macroglobulinemia, 1203
Rheumatoid arthritis with Felty's syndrome, hyperviscosity and immunologic hyperreactivity (CPC), 89
- Hypoglycemia**
Diabetes and exercise, 201
Pharmacology of sulfonylureas, 361
- Hypoglycemia, nocturnal**
Patient self-monitoring of blood glucose and refinements of conventional insulin treatment, 177
- Hypokalemia**
Diuretic-induced ventricular ectopic activity, 762
- Hyponatremia**
Thiazide-induced hyponatremia associated with death or neurologic damage in outpatients, 1163
- Hypoosmolar syndromes**
Water metabolism in diabetes mellitus, 210
- Hypotension, idiopathic orthostatic**
Clinical spectrum of autonomic dysfunction, 1091
- Hypothyroidism**
Hypothyroidism presenting as muscle stiffness and pseudohypertrophy: Hoffmann's syndrome, 891
- Hypouricemia**
Arthropathy, hypouricemia and normal serum iron studies in hereditary hemochromatosis, 870
- Hypoxia**
Brain dysfunction in mild to moderate hypoxia (CCBSS), 1247
- Ibuprofen**
Prostaglandins in primary dysmenorrhea, 535
- IgE myeloma**
Immunoglobulin E (IgE) multiple myeloma, 1127
- Immune complex disease**
Immunologic and clinical aspects of immune complex disease (CCBSS), 1097
Membranous glomerulonephritis secondary to hydatid disease, 311
- Immune complexes**
Studies of the pathogenesis of interstitial cystitis, obstructive uropathy, and intestinal malabsorption in a patient with systemic lupus erythematosus, 875
- Immune rejection**
Transplantation of insulin-producing tissue, 589
- Immune response**
Beneficial effects of oral zinc supplementation on the immune response of old people, 1001
- Immunization**
Immunization against nosocomial infection, 463
- Immunocompromised children**
Nosocomial infections in immunocompromised children, 412
- Immunodeficiency disorders**
Beneficial effects of oral zinc supplementation on the immune response of old people, 1001
Nosocomial infections in immunocompromised children, 412
Successful treatment with acyclovir of an immunodeficient patient infected simultaneously with multiple herpesviruses, 882
- Immunoglobulin E**
Immunoglobulin E (IgE) multiple myeloma, 1127
- Immunopathology**
Viral diabetes mellitus in man and experimental animals, 127
- Immunosuppression**
Infection in the renal transplant recipient, 405
Nosocomial infections in the immunocompromised adult, 398
- Indicators of public health effort**
Absence of indicators of the influence of its physicians on a society's health, 833
- Infarction**
See also specific type
Electrocardiographic diagnosis of right ventricular infarction, 1175
- Infection**
See also specific type
Bacterial colonization and infection in the neonate, 417
Complications of intravenous therapy with steel needles and teflon catheters, 702
Cytomegalovirus: subclinical infection or disease? (E), 215
Effect of private isolation rooms on patient care practices, colonization and infection in an intensive care unit, 641
Infection in the renal transplant recipient, 405
- Infection control**
Bacterial colonization and infection in the neonate, 417

Infection control

- Commentary, 979
- Comparison of endemic and epidemic nosocomial infections, 393
- Differential risks of nosocomial infection, 915
- Eradication of epidemic methicillin-gentamicin-resistant staphylococcus aureus in an intensive care nursery, 455
- Forging the missing link in infection control, 976
- Immunization against nosocomial infection, 463
- Infection surveillance and control in the severely traumatized patient, 638
- Joint associations of multiple risk factors with the occurrence of nosocomial infection, 960
- Lessons learned from surveillance cultures in patients with acute nonlymphocytic leukemia, 423
- Management of infections in hospital employees, 919
- Microbiologic sampling of the inanimate environment in U.S. hospitals, 1976-1977, 941
- Nosocomial infections—a 1980 view: progress, priorities and prognosis, 381
- Nosocomial infections in immunocompromised children, 412
- Nosocomial infections in the immunocompromised adult, 398
- Nosocomial infections in U.S. hospitals, 1975-1976, 947
- Nosocomial septicemia and meningitis in neonates, 698
- Nosocomial viral hepatitis, 439
- Progress report on the evaluation of the efficacy of infection surveillance and control programs, 971
- Strategies for prevention and control of multiple drug-resistant nosocomial infection, 449
- Surgical wound infection occurrence in clean operations, 909
- Surgical wound infections: an overview, 712
- Techniques and uses of nosocomial infection surveillance in U.S. hospitals, 1976-1977, 933
- Value of protective isolation in preventing nosocomial infections in high risk patients, 631
- Infection, disseminated**
 - Primary cutaneous nocardia asteroides infection with dissemination, 859
- Infection, nosocomial**
 - See also Symposium on Nosocomial Infections
 - Nosocomial septicemia and meningitis in neonates, 698
- Infection rates**
 - Secular trends in nosocomial infections: 1970-1979, 389
- Infections, simultaneous**
 - Successful treatment with acyclovir in an immunodeficient patient infected simultaneously with multiple herpesviruses, 882
- Infection, sternal**
 - Complications and consequences of endotracheal intubation and tracheotomy, 65
- Inflammatory reactions**
 - Pathogenic basis of urticaria and angioedema: recent advances (E), 755

Influenza

- Nosocomial viral respiratory infections: perennial weeds on pediatric wards, 670
- Infundibular stenosis**
 - Congenital heart disease in a male adult (CPC), 1107
- Infusion devices**
 - Endemic rate of fluid contamination and related septicemia in arterial pressure monitoring, 733
- Inhalation therapy**
 - Role of respiratory assistance devices in endemic nosocomial pneumonia, 681
- Insulin**
 - Insulin action, 142
- Insulin delivery systems**
 - Treatment of diabetes mellitus by devices, 183
- Insulin-dependent diabetes**
 - Autoimmunity in insulin-dependent diabetes mellitus, 135
 - Diabetes mellitus: progress and directions, 101
 - Genetics of the glucose intolerance disorders, 116
 - Pancreatic islets in diabetes, 105
 - Patient self-monitoring of blood glucose and refinements of conventional insulin treatment, 177
- Insulin dose-response curve**
 - Mechanisms of insulin resistance in man, 169
- Insulin-producing tissue**
 - Transplantation of insulin-producing tissue, 589
- Insulin receptors**
 - Insulin action, 142
 - Mechanisms of insulin resistance in obesity and noninsulin-dependent (type II) diabetes, 151
- Insulin resistance**
 - Familial glucagonoma syndrome, 1017
 - Mechanisms of insulin resistance in obesity and noninsulin-dependent (type II) diabetes, 151
 - Mechanisms of insulin resistance in man, 169
- Insulin secretion**
 - Diabetes mellitus: progress and directions, 101
 - Insulin secretion in diabetes mellitus, 579
 - Somatostatin and diabetes, 619
- Insulin treatment**
 - Patient self-monitoring of blood glucose and refinements of conventional insulin treatment, 177
- Intensive care nursery**
 - Eradication of epidemic methicillin-gentamicin-resistant staphylococcus aureus in an intensive care nursery, 455
- Intensive care unit**
 - Effect of private isolation rooms on patient care practices, colonization and infection in an intensive care unit, 641
 - Infection surveillance and control in the severely traumatized patient, 638
- Interhospital comparison, prospective**
 - Extra charges and prolongation of stay attributable to nosocomial infections: a prospective interhospital comparison, 51
- Interhospital comparisons**
 - Surgical wound infection occurrence in clean operations, 909

Internal medicine

- Physician's assistant and internal medicine (MSS), 1161
- Public policy and patient care: implications for internal medicine (MSS), 223
- Internal medicine residency program**
 - Restructuring an internal medicine residency program to meet regional and national needs for general internists, 1085
- Intestinal malabsorption**
 - Studies of the pathogenesis of interstitial cystitis, obstructive uropathy, and intestinal malabsorption in a patient with systemic lupus erythematosus, 875
- Intracranial pressure**
 - Ventriculoatrial shunting for hydrocephalus complicating tuberculous meningitis, 895
- Intubation**
 - Complications and consequences of endotracheal intubation and tracheotomy, 65
- Invasive devices**
 - Nosocomial bacteremia, 719
- Iodophor ointment**
 - Comparative study of polyantibiotic and iodophor ointments in prevention of vascular catheter-related infection, 739
- Ischemia**
 - Pathophysiology of acute renal failure (E), 479
- Islet allografts**
 - Transplantation of insulin-producing tissue, 589
- Islet cell function**
 - Somatostatin and diabetes, 619
- Islet xenografts**
 - Transplantation of insulin-producing tissue, 589
- Isolation**
 - Effect of private isolation rooms on patient care practices, colonization and infection in an intensive care unit, 641
 - Nosocomial viral hepatitis, 439
- Juvenile-onset diabetes**
 - Diabetes mellitus: progress and directions, 101
 - Genetics of the glucose intolerance disorders, 116
 - Pancreatic islets in diabetes, 105
 - Viral diabetes mellitus in man and experimental animals, 127
- Kidney**
 - See also Renal
 - Kidney in diabetes, 603
- Kidney damage**
 - Pathogenesis of hyperchloremic metabolic acidosis associated with kidney transplantation, 786
- Kidney disease**
 - Alport's syndrome, 493
 - Characterization of renal tissue lymphocytes in patients with interstitial nephritis, 31
- Kidney transplantation**
 - Kidney in diabetes, 603
 - Pathogenesis of hyperchloremic metabolic acidosis associated with kidney transplantation, 786
- Klebsiella**
 - Aspects of the plasmid-mediated antibiotic resistance and epidemiology of *Klebsiella* species, 459

- Kyphoscoliosis**
Sustained reversal of chronic hypercapnia in patients with alveolar hypoventilation syndromes, 269
- Laennec**
Laennec and the discovery of mediate auscultation, 275
- Laryngeal injury**
Complications and consequences of endotracheal intubation and tracheotomy, 65
- Lecithin to sphingomyelin ratio**
Diabetes mellitus in pregnancy: have all the problems been solved? (E), 613
- Left ventricular function**
Effect of diuresis on the performance of the failing left ventricle in man, 234
- Left ventricular mass**
Reliability of echocardiographic and electrocardiographic parameters in assessing serial changes in left ventricular mass, 1042
- Legionellosis**
Sporadic and epidemic nosocomial legionellosis in the United States, 707
- Leiomyoblastoma**
Aorticopulmonary paraganglioma and gastric leiomyoblastoma in a young woman, 1288
- Leukemia**
Ara-C lung: noncardiogenic pulmonary edema complicating cytosine arabinoside therapy of leukemia, 256
Immunologic and clinical aspects of immune complex disease (CCBS), 1097
Lessons learned from surveillance cultures in patients with acute nonlymphocytic leukemia, 423
- Leukopenia**
Lithium carbonate in patients with small cell lung cancer receiving combination chemotherapy, 1222
- Lipoid tumor**
Hirsutism progressing to virilization in an older woman (CPC), 1255
- Lithium carbonate**
Lithium carbonate in patients with small cell lung cancer receiving combination chemotherapy, 1222
- Lithium therapy**
Lithium therapy of children with chronic neutropenia, 1073
- Liver disease**
See also Hepatic disease
Membranous glomerulonephritis secondary to hydatid disease, 311
Nodular regenerative hyperplasia of the liver associated with macroglobulinemia, 1203
Recovery from alcoholism in cirrhotic patients, 782
- Liver failure**
Occupational carcinogenesis: the Louisville experience with vinyl chloride-associated hepatic angiosarcoma, 279
- Liver tumor**
Endocrine studies in a patient with functioning adrenal rest tumor of the liver, 1122
- Louis Harry Newburgh**
Louis Harry Newburgh: complete clinical investigator with a passion for measurement (MSS), 759
- Louisville experience**
Occupational carcinogenesis: the Louisville experience with vinyl chloride-associated hepatic angiosarcoma, 279
- Low density lipoproteins**
Regression of atherosclerosis (E), 989
- Lung cancer**
Immunologic and clinical aspects of immune complex disease (CCBS), 1097
Lithium carbonate in patients with small cell lung cancer receiving combination chemotherapy, 1222
- Lung disease**
Interstitial lung disease: current concepts of pathogenesis, staging and therapy, 542
Intravenous trimethoprim-sulfamethoxazole therapy for *Pneumocystis carinii* pneumonia, 1215
Pulmonary research: advances and clinical implications (E), 1155
- Lung lesions**
Solitary pulmonary nodules due to nontuberculous mycobacterial infection, 39
- Lung scan**
Role of noninvasive tests versus pulmonary angiography in the diagnosis of pulmonary embolism, 17
- Lupus erythematosus, systemic**
Amyloidosis in systemic lupus erythematosus, 320
Cerebrospinal fluid antibodies to neuronal cells: association with neuropsychiatric manifestations of systemic lupus erythematosus, 240
Coronary arterial disease in systemic lupus erythematosus, 775
High-dose intravenous methylprednisolone pulse therapy in systemic lupus erythematosus, 817
Studies of the pathogenesis of interstitial cystitis, obstructive uropathy, and intestinal malabsorption in a patient with systemic lupus erythematosus, 875
- Lupus nephritis**
Effect of continuous normalization of serum hemolytic complement on the course of lupus nephritis, 1067
High-dose intravenous methylprednisolone pulse therapy in systemic lupus erythematosus, 817
- Lymphadenopathy**
Fever, pharyngitis and lymphadenopathy in a patient with the Bernard-Soulier syndrome (CPC), 852
- Lymphocytes**
Hematologic alterations in diabetes mellitus, 339
- Lymphoma**
Extralympathic Hodgkin's disease, 487
- Lymphoma, histiocytic**
Fever, pharyngitis and lymphadenopathy in a patient with the Bernard-Soulier syndrome (CPC), 852
- Lytic lesions**
Histoplasmosis of bone, 864
- Macroglobulinemia**
Nodular regenerative hyperplasia of the liver associated with macroglobulinemia, 1203
- Malabsorption**
Studies of the pathogenesis of interstitial cystitis, obstructive uropathy, and intestinal malabsorption in a patient with systemic lupus erythematosus, 875
- Malignancy**
See also Tumor
Association between human tumor colony-forming assay results and response of an individual patient's tumor to chemotherapy, 1027
Immunologic and clinical aspects of immune complex disease (CCBS), 1097
Lithium carbonate in patients with small cell lung cancer receiving combination chemotherapy, 1222
- Malondialdehyde formation**
Enhanced in vivo platelet release reaction and malondialdehyde formation in patients with hyperlipidemia, 59
- Marine, David**
David Marine: America's pioneer thyroidologist (MSS), 483
- Marrow transplantation**
Marrow transplantation for juvenile osteopetrosis, 1280
- Maturity-onset diabetes**
Diabetes mellitus: progress and directions, 101
Genetics of the glucose intolerance disorders, 116
Pancreatic islets in diabetes, 105
- Means, James Howard**
James Howard Means and his romance with the thyroid gland (MSS), 1158
- Meatal care regimens**
Prevention of catheter-associated urinary tract infections, 655
- Mechanical ventilation**
Sustained reversal of chronic hypercapnia in patients with alveolar hypoventilation syndromes, 269
- Mediastinitis**
Granulomatous mediastinitis due to *aspergillus flavus* in a nonimmunosuppressed patient, 887
- Medical care**
Medicine in a disrupted society: the role of the academic medical center (MSS), 998
- Medical emergency**
Superior vena caval obstruction, 1169
- Medical genetics**
Prenatal diagnosis of genetic disorders (E), 7
- Medical history**
Laennec and the discovery of mediate auscultation, 275
- Medicine**
Medicine in a disrupted society: the role of the academic medical center (MSS), 998
- Medroxyprogesterone**
Menopause, medroxyprogesterone and breathing during sleep, 506
- Membranous nephropathy**
Membranous glomerulonephritis secondary to hydatid disease, 311
- Meningitis**
Nosocomial septicemia and meningitis in neonates, 698
Ventriculoatrial shunting for hydrocephalus complicating tuberculous meningitis, 895

Menopause

Menopause, medroxyprogesterone and breathing during sleep, 506

Menstruation

Prostaglandins in primary dysmenorrhea, 535

Mental function

Brain dysfunction in mild to moderate hypoxia (CCBSS), 1247

Mesangium

Kidney in diabetes, 603

Metastases

Early diagnosis of spinal epidural metastases, 1181

Methicillin-gentamicin-resistant staphylococcus aureus

Eradication of epidemic methicillin-gentamicin-resistant staphylococcus aureus in an intensive care nursery, 455

Methylprednisolone pulse therapy

High-dose intravenous methylprednisolone pulse therapy in systemic lupus erythematosus, 817

Metolazone

Thiazide-induced hyponatremia associated with death or neurologic damage in outpatients, 1163

Microbiologic sampling

Microbiologic sampling of the inanimate environment in U.S. hospitals, 1976-1977, 941

Missing links

Forging the missing link in infection control, 976

Motor nerve conduction velocity

Diabetic neuropathy and plasma glucose control, 195

Multimodal treatment

Multimodal treatment of primary breast carcinoma, 844

Multiple endocrine neoplasia type I

Familial glucagonoma syndrome, 1017

Multiple endocrine neoplasia type 2A

Bilateral occurrence of pheochromocytoma in patients with the multiple endocrine neoplasia syndrome type 2A (Sipple's syndrome), 1051

Multiple myeloma

Immunoglobulin E (IgE) multiple myeloma, 1127

Munchausen syndrome

Acute severe hypercalcemia *a la* Munchausen, 316

Muscle dysfunction

Hypothyroidism presenting as muscle stiffness and pseudohypertrophy: Hoffmann's syndrome, 891

Mycobacterial disease

Bronchoscopy and transbronchial biopsy in evaluation of patients with suspected active tuberculosis, 1189
Solitary pulmonary nodules due to nontuberculous mycobacterial infection, 39

Myocardial infarction

Radiation heart disease, 519

Myocardial involvement

Myocardial involvement in idiopathic hemochromatosis, 1275

Myopathy

Hypothyroidism presenting as muscle stiffness and pseudohypertrophy: Hoffmann's syndrome, 891

Myelopathy

Early diagnosis of spinal epidural metastases, 1181

Myxedema

Myxedema and obstructive sleep apnea, 1061

National productivity

Comparative toxicology, environmental health and national productivity (MSS), 9

Necropsy findings

Radiation heart disease, 519

Necrosis, acute tubular

Pathophysiology of acute renal failure (E), 479

Needle-stick injuries

Epidemiology of needle-stick injuries in hospital personnel, 928

Neomycin

Comparative study of polyantibiotic and iodophor ointments in prevention of vascular catheter-related infection, 739

Neonate

Bacterial colonization and infection in the neonate, 417

Nosocomial septicemia and meningitis in neonates, 698

Neoplasia

Familial glucagonoma syndrome, 1017

Neoplasm

See also Tumor

Bleeding of the upper gastrointestinal tract and a hepatic mass (CPC), 299

Nephritis, interstitial

Acute interstitial nephritis and acute renal failure associated with cimetidine therapy, 1272

Characterization of renal tissue lymphocytes in patients with interstitial nephritis, 31

Nephritis, lupus

High-dose intravenous methylprednisolone pulse therapy in systemic lupus erythematosus, 817

Nephropathy

Minimal change nephropathy: an electrochemical disorder of the glomerular membrane, 262

Nephrotic syndrome

Nephrotic syndrome in a patient with rheumatoid arthritis (CPC), 569
Renal failure in minimal change nephrotic syndrome, 227
Urinary excretion of Hageman factor [factor XII] and the presence of nonfunctional Hageman factor in the nephrotic syndrome, 531

Nephrotoxins

Pathophysiology of acute renal failure (E), 479

Neuroblastoma

Immunologic and clinical aspects of immune complex disease (CCBSS), 1097

Neurologic damage

Thiazide-induced hyponatremia associated with death or neurologic damage in outpatients, 1163

Neuromuscular disorders

Sustained reversal of chronic hypercapnia in patients with alveolar hypoventilation syndromes, 269

Neuropsychiatric manifestations

Cerebrospinal fluid antibodies to neuronal cells: association with neuropsychiatric manifestations of systemic lupus erythematosus, 240

Neurotransmitters

Brain dysfunction in mild to moderate hypoxia (CCBSS), 1247

Neutropenia

Lithium carbonate in patients with small cell lung cancer receiving combination chemotherapy, 1222

Lithium therapy of children with chronic neutropenia, 1073

Neutrophil dysfunction

Current views of neutrophil dysfunction, 1237

Newburgh, Louis Harry

Louis Harry Newburgh: comoleat clinical investigator with a passion for measurement (MSS), 759

¹⁵N-glycine

Long-term follow-up of incorporation of ¹⁵N from glycine into uric acid in gout, 797

Nocardia asteroides

Primary cutaneous nocardia asteroides infection with dissemination, 859

Noninsulin-dependent diabetes

Diabetes mellitus: progress and directions, 101

Diabetic neuropathy and plasma glucose control, 195

Genetics of the glucose intolerance disorders, 116

Mechanisms of insulin resistance in obesity and noninsulin-dependent (type II) diabetes, 151

Pancreatic islets in diabetes, 105

Norepinephrine

Increase in plasma norepinephrine during prazosin therapy for chronic congestive heart failure, 825

Nosocomial bacteremia

Nosocomial bacteremia, 719

Nosocomial infection

Differential risks of nosocomial infection, 915

Effect of private isolation rooms on patient care practices, colonization and infection in an intensive care unit, 641

Epidemiology of antibiotic-associated colitis, 906

Evolution of antimicrobial resistance and nosocomial infection, 445

Forging the missing link in infection control, 976

Hepatitis B infection in hospital personnel during an eight-year period, 924

Immunization against nosocomial infection, 463

Joint associations of multiple risk factors with the occurrence of nosocomial infection, 960

Nosocomial infection of the urinary tract, 651

Nosocomial viral hepatitis, 439

Progress report on the evaluation of the efficacy of infection surveillance and control programs, 971

Surgical wound infection occurrence in clean operations, 909

Nosocomial infection control

Commentary, 979

Nosocomial infections

See also Symposium on Nosocomial Infections

Bacterial colonization and infection in the neonate, 417

Comparison of endemic and epidemic nosocomial infections, 393

Considerations of antibiotic prophylaxis in nonsurgical high risk patients, 467

Nosocomial infections

- Emergence of coryneform bacteria as a cause of nosocomial infections in compromised hosts, 646
- Extra charges and prolongation of stay attributable to nosocomial infections: a prospective interhospital comparison, 51
- Hospital-acquired gram-negative rod pneumonias: an overview, 664
- Infection in the renal transplant recipient, 405
- Lessons learned from surveillance cultures in patients with acute nonlymphocytic leukemia, 423
- Microbiologic sampling of the inanimate environment in U.S. hospitals, 1976-1977, 941
- Nosocomial infections—a 1980 view: progress, priorities and prognosis, 381
- Nosocomial infections in immunocompromised children, 412
- Nosocomial infections in the immunocompromised adult, 398
- Nosocomial infections in U.S. hospitals, 1975-1976, 947
- Nosocomial viral respiratory infections: perennial weeds on pediatric wards, 670
- Preface Second International Conference on nosocomial infections, 379
- Risk factors for postoperative pneumonia, 677
- Secular trends in nosocomial infections: 1970-1979, 389
- Serratia marcescens nosocomial infections of the urinary tract associated with urine measuring containers and urinometers, 659
- Use of prophylactic antibiotics in surgical practice, 686
- Value of protective isolation in preventing nosocomial infections in high risk patients, 631
- Nosocomial infection surveillance**
 - Techniques and uses of nosocomial infection surveillance in U.S. hospitals, 1976-1977, 933
- Nosocomial legionellosis**
 - Sporadic and epidemic nosocomial legionellosis in the United States, 707
- Nosocomial microorganisms**
 - Epidemiologic typing of nosocomial microorganisms, 899
- Nosocomial pathogens**
 - Bacteria newly recognized as nosocomial pathogens, 432
- Nosocomial pneumonia**
 - Role of respiratory assistance devices in endemic nosocomial pneumonia, 681
- Nosocomial septicemia**
 - Nosocomial septicemia and meningitis in neonates, 698
- Nosocomial viral hepatitis**
 - Nosocomial viral hepatitis, 439
- Nosocomial viral respiratory infections**
 - Nosocomial viral respiratory infections: perennial weeds on pediatric wards, 670
- Nurse practitioner**
 - Physician's assistant and internal medicine (MSS), 1161
- Obesity**
 - Mechanisms of insulin resistance in obesity and noninsulin-dependent (type II) diabetes, 151

Ocular abnormalities

- Alport's syndrome, 493
- "Open loop" systems**
 - Patient self-monitoring of blood glucose and refinements of conventional insulin treatment, 177
- Oral contraceptives**
 - Prostaglandins in primary dysmenorrhea, 535
- Orthopedics**
 - Airborne bacteria and surgical infection, 693
- Osteomyelitis**
 - Primary cutaneous nocardia asteroides infection with dissemination, 859
- Osteopetrosis**
 - Marrow transplantation for juvenile osteopetrosis, 1280
- Osteoplasts**
 - Marrow transplantation for juvenile osteopetrosis, 1280
- Osteoporosis**
 - Immunoglobulin E (IgE) multiple myeloma, 1127
- Outpatient infection**
 - Nosocomial infections in immunocompromised children, 412
- Ovarian tumors**
 - Hirsutism progressing to virilization in an older woman (CPC), 1255
- Oxidative metabolism**
 - Current views of neutrophil dysfunction, 1237
- Oxygen desaturation**
 - Brain dysfunction in mild to moderate hypoxia (CCBSS), 1247
 - Menopause, medroxyprogesterone and breathing during sleep, 506
- Pain suppression**
 - Biology of placebo analgesia (E), 745
- Pancreatic islets**
 - Diabetes mellitus: progress and directions, 101
 - Pancreatic islets in diabetes, 105
- Papillary thyroid carcinoma**
 - Papillary thyroid carcinoma: a 10 year follow-up report of the impact of therapy in 576 patients, 511
- Paraganglioma**
 - Aorticopulmonary paraganglioma and gastric leiomyoblastoma in a young woman, 1288
- Parainfluenza viruses**
 - Nosocomial viral respiratory infections: perennial weeds on pediatric wards, 670
- Paraquat intoxication**
 - Diquat intoxication, 1267
- Parathyroid function**
 - Clinical evaluation of parathyroid function (E), 475
- Parkinson's disease**
 - Clinical spectrum of autonomic dysfunction, 1091
- Patient care**
 - Public policy and patient care: implications for internal medicine (MSS), 223
- Pediatrics**
 - Nosocomial viral respiratory infections: perennial weeds on pediatric wards, 670
- Pericardial effusion**
 - Aorticopulmonary paraganglioma and gastric leiomyoblastoma in a young woman, 1288

Pericardial heart disease

- Radiation heart disease, 519
- Pericarditis**
 - Candida pericarditis, 867
 - Pneumococcal pericarditis: a persisting problem in contemporary diagnosis, 247
- Perinatal survival**
 - Diabetes mellitus in pregnancy: have all the problems been solved? (E), 613
- Peritonitis**
 - Rheumatoid arthritis with Felty's syndrome, hyperviscosity and immunologic hyperreactivity (CPC), 89
- Personal physician system**
 - Absence of indicators of the influence of its physicians on a society's health, 833
- Phage typing**
 - Epidemiologic typing of nosocomial microorganisms, 899
- Phagocytes**
 - Current views of neutrophil dysfunction, 1237
- Pharmacokinetics**
 - Pharmacology of sulfonylureas, 361
- Pharmacology**
 - Pharmacology of sulfonylureas, 361
- Pharyngitis**
 - Fever, pharyngitis and lymphadenopathy in a patient with the Bernard-Soulier syndrome (CPC), 852
- Pheochromocytoma**
 - Bilateral occurrence of pheochromocytoma in patients with the multiple endocrine neoplasia syndrome type 2A (Sipple's syndrome), 1051
- Photocoagulation**
 - Recent advances in diabetic retinopathy, 595
- Physical diagnosis**
 - Laennec and the discovery of mediate auscultation, 275
- Physical training**
 - Diabetes and exercise, 201
- Physician care**
 - Absence of indicators of the influence of its physicians on a society's health, 833
- Physician's assistant**
 - Physician's assistant and internal medicine (MSS), 1161
- Placebo analgesia**
 - Biology of placebo analgesia (E), 745
- Plasma cholesterol**
 - Regression of atherosclerosis (E), 989
- Plasma glucose**
 - Effect of sulfonylurea therapy and plasma glucose levels on hemoglobin A_{1c} in type II diabetes mellitus, 373
- Plasma glucose control**
 - Diabetic neuropathy and plasma glucose control, 195
- Plasmapheresis**
 - Renal involvement in Refsum's disease, 1136
- Plasmids**
 - Aspects of the plasmid-mediated antibiotic resistance and epidemiology of Klebsiella species, 459
- Platelet aggregation**
 - Sulfonylureas and platelet function, 627
- Platelet factor 4**
 - Enhanced in vivo platelet release reaction and malondialdehyde formation in patients with hyperlipidemia, 59

- Platelet function**
Hematologic alterations in diabetes mellitus, 339
- Platelet release reaction**
Enhanced in vivo platelet release reaction and malondialdehyde formation in patients with hyperlipidemia, 59
- Pneumococcal pericarditis**
Pneumococcal pericarditis: a persisting problem in contemporary diagnosis, 247
- Pneumonia**
Hospital-acquired gram-negative rod pneumonias: an overview, 664
Intravenous trimethoprim-sulfamethoxazole therapy for *Pneumocystis carinii* pneumonia, 1215
Risk factors for postoperative pneumonia, 677
Role of respiratory assistance devices in endemic nosocomial pneumonia, 681
Sporadic and epidemic nosocomial legionellosis in the United States, 707
- Polymycin**
Comparative study of polyantibiotic and iodophor ointments in prevention of vascular catheter-related infection, 739
- Polypeptide hormones**
Proliferative diseases, 1231
- Portal hypertension**
Nodular regenerative hyperplasia of the liver associated with macroglobulinemia, 1203
- Portal vein occlusion**
Bleeding of the upper gastrointestinal tract and a hepatic mass (CPC), 299
- Povidone-iodine**
Prevention of catheter-associated urinary tract infections, 655
- Prazosin**
Increase in plasma norepinephrine during prazosin therapy for chronic congestive heart failure, 825
- Pregnancy**
Diabetes mellitus in pregnancy: have all the problems been solved? (E), 613
Incidence and severity of viral hepatitis in pregnancy, 252
Patient self-monitoring of blood glucose and refinements of conventional insulin treatment, 177
- Prokallikrein**
Urinary excretion of Hageman factor [factor XII] and the presence of nonfunctional Hageman factor in the nephrotic syndrome, 531
- Prenatal diagnosis**
Prenatal diagnosis of genetic disorders (E), 7
- Prevention techniques**
Value of protective isolation in preventing nosocomial infections in high risk patients, 631
- Primary care**
Public policy and patient care: implications for internal medicine (MSS), 223
Restructuring an internal medicine residency program to meet regional and national needs for general internists, 1085
- Prinzmetal's angina**
Coronary arterial spasm versus esophageal spasm, 1293
- Prolactin**
Is prolactin secreted ectopically? 803
- Proliferative diseases**
Proliferative diseases, 1231
- Prophylaxis**
Use of prophylactic antibiotics in surgical practice, 686
- Prostaglandins**
Prostaglandins in primary dysmenorrhea, 535
- Prostaglandin synthesis**
Enhanced in vivo platelet release reaction and malondialdehyde formation in patients with hyperlipidemia, 59
Water metabolism in diabetes mellitus, 210
- Protein**
Nonenzymatic glycosylation of protein: relevance to diabetes, 325
- Proteinases**
Proliferative diseases, 1231
- Proteinuria**
Alport's syndrome, 493
Amyloidosis in systemic lupus erythematosus, 320
Minimal change nephropathy: an electrochemical disorder of the glomerular membrane, 262
Nephrotic syndrome in a patient with rheumatoid arthritis (CPC), 569
- Pruritus**
Pruritus in cholestasis: no direct causative role for bile acid retention, 1011
- Pseudohypertrophy**
Hypothyroidism presenting as muscle stiffness and pseudohypertrophy: Hoffmann's syndrome, 891
- Pseudotruncus arteriosus**
Congenital heart disease in a male adult (CPC), 1107
- Public health**
Commentary, 979
- Public policy**
Public policy and patient care: implications for internal medicine (MSS), 223
- Pulmonary aspergillosis**
Granulomatous mediastinitis due to *aspergillus flavus* in a nonimmunosuppressed patient, 887
- Pulmonary chondroma**
Aorticopulmonary paraganglioma and gastric leiomyoblastoma in a young woman, 1288
- Pulmonary edema**
Ara-C lung: noncardiogenic pulmonary edema complicating cytosine arabinoside therapy of leukemia, 256
- Pulmonary embolism**
Heparin therapy in venous thromboembolism, 808
Role of noninvasive tests versus pulmonary angiography in the diagnosis of pulmonary embolism, 17
- Pulmonary fibrosis**
Interstitial lung disease: current concepts of pathogenesis, staging and therapy, 542
- Pulmonary nodules**
Solitary pulmonary nodules due to nontuberculous mycobacterial infection, 39
- Pulmonary research**
Pulmonary research: advances and clinical implications (E), 1155
- Pulse therapy**
High-dose intravenous methylprednisolone pulse therapy in systemic lupus erythematosus, 817
- Pump systems**
Treatment of diabetes mellitus by devices, 183
- Puncture wounds**
Epidemiology of needle-stick injuries in hospital personnel, 928
- Quadripareisis**
Cervical fracture complicating ankylosing spondylitis, 1033
- Radiation heart disease**
Radiation heart disease, 519
- Radiolimmunoassay**
Clinical evaluation of parathyroid function (E), 475
Urinary excretion of Hageman factor [factor XII] and the presence of nonfunctional Hageman factor in the nephrotic syndrome, 531
- Radiolodine therapy**
Papillary thyroid carcinoma: a 10 year follow-up report of the impact of therapy in 576 patients, 511
- Radiotherapy**
Superior vena caval obstruction, 1169
- Receptor subunit structure**
Insulin action, 142
- Reflex sympathetic dystrophy syndrome**
Reflex sympathetic dystrophy syndrome (RSDS), 23
- Refsum's disease**
Renal involvement in Refsum's disease, 1136
- Reiter's syndrome**
Family studies with HLA typing in Reiter's syndrome, 1210
- Renal**
See also Kidney
- Renal cell carcinoma**
Bleeding of the upper gastrointestinal tract and a hepatic mass (CPC), 299
- Renal damage**
Membranous glomerulonephritis secondary to hydatid disease, 311
- Renal disease**
Effect of continuous normalization of serum hemolytic complement on the course of lupus nephritis, 1067
Nephrotic syndrome in a patient with rheumatoid arthritis (CPC), 569
- Renal failure**
Acute interstitial nephritis and acute renal failure associated with cimetidine therapy, 1272
Pathophysiology of acute renal failure (E), 479
Renal failure in minimal change nephrotic syndrome, 227
- Renal function**
Acute interstitial nephritis and acute renal failure associated with cimetidine therapy, 1272
High-dose intravenous methylprednisolone pulse therapy in systemic lupus erythematosus, 817
Percutaneous transluminal renal angioplasty in the treatment of unilateral atherosclerotic renovascular hypertension, 1078
Renal failure in minimal change nephrotic syndrome, 227
Renal involvement in Refsum's disease, 1136

- Renal hemodynamics**
Body fluid homeostasis in man, 77
- Renal ischemia**
Pathophysiology of acute renal failure (E), 479
- Renal phosphate**
Clinical evaluation of parathyroid function (E), 475
- Renal transplantation**
Infection in the renal transplant recipient, 405
- Renal tubular acidosis**
Pathogenesis of hyperchloremic metabolic acidosis associated with kidney transplantation, 786
- Renin-angiotensin system**
Increase in plasma norepinephrine during prazosin therapy for chronic congestive heart failure, 825
- Renovascular hypertension**
Percutaneous transluminal renal angioplasty in the treatment of unilateral atherosclerotic renovascular hypertension, 1078
- Residency program**
Restructuring an internal medicine residency program to meet regional and national needs for general internists, 1085
- Respiratory assistance devices**
Role of respiratory assistance devices in endemic nosocomial pneumonia, 681
- Respiratory disease**
Pulmonary research: advances and clinical implications (E), 1155
- Respiratory dysfunction**
Clinical spectrum of autonomic dysfunction, 1091
Myxedema and obstructive sleep apnea, 1061
- Respiratory failure**
Cervical fracture complicating ankylosing spondylitis, 1033
- Respiratory syncytial virus**
Nosocomial viral respiratory infections: perennial weeds on pediatric wards, 670
- Respiratory tract infection**
Hospital-acquired gram-negative rod pneumonias: an overview, 664
Nosocomial viral respiratory infections: perennial weeds on pediatric wards, 670
- Retinopathy**
Diabetes mellitus in pregnancy: have all the problems been solved? (E), 613
Recent advances in diabetic retinopathy, 595
- Rheology**
Sickle cell anemia as a rheologic disease, 288
- Rheumatoid arthritis**
Case against seronegative rheumatoid arthritis (E), 992
Immunologic and clinical aspects of immune complex disease (CCBS), 1097
Nephrotic syndrome in a patient with rheumatoid arthritis (CPC), 569
Rheumatoid arthritis with Felty's syndrome, hyperviscosity and immunologic hyperreactivity (CPC), 89
- Rheumatoid disease**
Case against seronegative rheumatoid arthritis (E), 992
- Risk factors**
Hospital-acquired gram-negative rod pneumonias: an overview, 664
Joint associations of multiple risk factors with the occurrence of nosocomial infection, 960
Nosocomial infection of the urinary tract, 651
Nosocomial infections in U.S. hospitals, 1975-1976, 947
Regression of atherosclerosis (E), 989
Risk factors for postoperative pneumonia, 677
Sporadic and epidemic nosocomial legionellosis in the United States, 707
- Risk indicators**
Differential risks of nosocomial infection, 915
- Risk stratification**
Surgical wound infection occurrence in clean operations, 909
- Sacroiliitis**
Family studies with HLA typing in Reiter's syndrome, 1210
- Sarcoidosis**
Interstitial lung disease: current concepts of pathogenesis, staging and therapy, 542
Value of serial measurement of serum angiotensin converting enzyme in the management of sarcoidosis, 44
- Scintigraphy**
Early diagnosis of spinal epidural metastases, 1181
Reflex sympathetic dystrophy syndrome (RSDS), 23
- Screening programs**
Hepatitis B infection in hospital personnel during an eight-year period, 924
- Secretin**
Familial glucagonoma syndrome, 1017
- Secular trends**
Secular trends in nosocomial infections: 1970-1979, 389
- Self-monitoring**
Patient self-monitoring of blood glucose and refinements of conventional insulin treatment, 177
- Sensory conduction velocity**
Diabetic neuropathy and plasma glucose control, 195
- Septicemia**
Complications of intravenous therapy with steel needles and teflon catheters, 702
Endemic rate of fluid contamination and related septicemia in arterial pressure monitoring, 733
Nosocomial septicemia and meningitis in neonates, 698
- Serial measurement**
Value of serial measurement of serum angiotensin converting enzyme in the management of sarcoidosis, 44
- Seronegative rheumatoid arthritis**
Case against seronegative rheumatoid arthritis (E), 992
- Serratia marcescens**
Serratia marcescens nosocomial infections of the urinary tract associated with urine measuring containers and urinometers, 659
- Serum hemolytic complement**
Effect of continuous normalization of serum hemolytic complement on the course of lupus nephritis, 1067
- Serum iron**
Arthropathy, hypouricemia and normal serum iron studies in hereditary hemochromatosis, 870
- Sexual roles**
Endocrine and environmental influences on sexual roles (E), 1
- Shy-Drager syndrome**
Clinical spectrum of autonomic dysfunction, 1091
- Sickle cell anemia**
Sickle cell anemia as a rheologic disease, 288
- Sipple's syndrome**
Bilateral occurrence of pheochromocytoma in patients with the multiple endocrine neoplasia syndrome type 2A (Sipple's syndrome), 1051
- Skin lesions**
Cutaneous lesions in disseminated candidiasis mimicking ecthyma gangrenosum, 1133
- Sleep**
Menopause, medroxyprogesterone and breathing during sleep, 506
- Sleep apnea**
Myxedema and obstructive sleep apnea, 1061
- Sleep-disordered breathing**
Menopause, medroxyprogesterone and breathing during sleep, 506
- Small cell lung cancer**
Lithium carbonate in patients with small cell lung cancer receiving combination chemotherapy, 1222
- Somatostatin**
Familial glucagonoma syndrome, 1017
Somatostatin and diabetes, 619
- Spinal cord injury**
Cervical fracture complicating ankylosing spondylitis, 1033
Early diagnosis of spinal epidural metastases, 1181
- Spinal epidural metastases**
Early diagnosis of spinal epidural metastases, 1181
- Spondylitis**
Cervical fracture complicating ankylosing spondylitis, 1033
- Staphylococcus aureus**
Eradication of epidemic methicillin-gentamicin-resistant staphylococcus aureus in an intensive care nursery, 455
- Staphylococcus aureus bacteremia**
Teichoic acid antibody and circulating immune complexes in the management of staphylococcus aureus bacteremia, 769
- Steel needles**
Complications of intravenous therapy with steel needles and teflon catheters, 702
- Stenosis**
See also specific type
Role of coronary arteriography in the evaluation of patients with coronary artery disease (E), 747
- Steroid biosynthesis**
Hirsutism progressing to virilization in an older woman (CPC), 1255
- Steroid therapy**
Nephrotic syndrome in a patient with rheumatoid arthritis (CPC), 569
- Stethoscope**
Laennec and the discovery of mediate auscultation, 275

Stomal infection

- Complications and consequences of endotracheal intubation and tracheotomy, 65

Streptococcus pneumoniae

- Pneumococcal pericarditis: a persisting problem in contemporary diagnosis, 247

Stress test

- Predictive value of a strongly positive stress test in patients with minimal symptoms, 1005

S-T segment elevation

- Electrocardiographic diagnosis of right ventricular infarction, 1175

Sudden death

- Revival of coronary spasm (E), 752
- Sudden cardiac death (E), 1151

Sulfonylureas

- Insulin secretion in diabetes mellitus, 579
- Pharmacology of sulfonylureas, 361

Sulfonylurea therapy

- Effect of sulfonylurea therapy and plasma glucose levels on hemoglobin A_{1c} in type II diabetes mellitus, 373

Surgical wound infections

- Airborne bacteria and surgical infection, 693
- Surgical wound infection occurrence in clean operations, 909
- Surgical wound infections: an overview, 712
- Use of prophylactic antibiotics in surgical practice, 686

Surveillance

- Secular trends in nosocomial infections: 1970-1979, 389

Surveillance cultures

- Lessons learned from surveillance cultures in patients with acute nonlymphocytic leukemia, 423

Survival

- Effect of continuous normalization of serum hemolytic complement on the course of lupus nephritis, 1067

Susceptibility testing

- Epidemiologic typing of nosocomial microorganisms, 899

Sympathetic blockade

- Reflex sympathetic dystrophy syndrome (RSDS), 23

Sympathetic nervous system

- Increase in plasma norepinephrine during prazosin therapy for chronic congestive heart failure, 825

Symposium on Diabetes Mellitus

- Animal models of diabetes, 353
- Autoimmunity in insulin-dependent diabetes mellitus, 135
- Clinical utility of glycosylated hemoglobin, 331
- Diabetes and exercise, 201
- Diabetes mellitus in pregnancy: have all the problems been solved? (E), 613
- Diabetes mellitus: progress and directions, 101
- Diabetic neuropathy and plasma glucose control, 195
- Effect of sulfonylurea therapy and plasma glucose levels on hemoglobin A_{1c} in type II diabetes mellitus, 373
- Genetics of the glucose intolerance disorders, 116
- Hematologic alterations in diabetes mellitus, 339

Symposium on Diabetes Mellitus

- Insulin action, 142
- Insulin secretion in diabetes mellitus, 579
- Kidney in diabetes, 603
- Mechanisms of insulin resistance in obesity and noninsulin-dependent (type II) diabetes, 151
- Mechanisms of insulin resistance in man, 169
- Nonenzymatic glycosylation of protein: relevance to diabetes, 325
- Pancreatic islets in diabetes, 105
- Patient self-monitoring of blood glucose and refinements of conventional insulin treatment, 177
- Pharmacology of sulfonylureas, 361
- Recent advances in diabetic retinopathy, 595
- Somatostatin and diabetes, 619
- Sulfonylureas and platelet function, 627
- Transplantation of insulin-producing tissue, 589
- Treatment of diabetes mellitus by devices, 183
- Viral diabetes mellitus in man and experimental animals, 127
- Water metabolism in diabetes mellitus, 210

Symposium on Nosocomial Infections

- Airborne bacteria and surgical infection, 693
- Aspects of the plasmid-mediated antibiotic resistance and epidemiology of *Klebsiella* species, 459
- Bacterial colonization and infection in the neonate, 417
- Bacteria newly recognized as nosocomial pathogens, 432
- Commentary, 979
- Comparative study of polyantibiotic and iodophor ointments in prevention of vascular catheter-related infection, 739
- Comparison of endemic and epidemic nosocomial infections, 393
- Complications of intravenous therapy with steel needles and teflon catheters, 702
- Considerations of antibiotic prophylaxis in nonsurgical high risk patients, 467
- Differential risks of nosocomial infection, 915
- Effect of private isolation rooms on patient care practices, colonization and infection in an intensive care unit, 641
- Emergence of coryneform bacteria as a cause of nosocomial infections in compromised hosts, 646
- Endemic rate of fluid contamination and related septicemia in arterial pressure monitoring, 733
- Epidemiologic typing of nosocomial microorganisms, 899
- Epidemiology of antibiotic-associated colitis, 906
- Epidemiology of needle-stick injuries in hospital personnel, 928
- Eradication of epidemic methicillin-gentamicin-resistant *Staphylococcus aureus* in an intensive care nursery, 455
- Evolution of antimicrobial resistance and nosocomial infection, 445
- Forging the missing link in infection control, 976
- Hepatitis B infection in hospital personnel during an eight-year period, 924

Symposium on Nosocomial Infections

- Hospital-acquired gram-negative rod pneumonias: an overview, 664
- Immunization against nosocomial infection, 463
- Infection in the renal transplant recipient, 405
- Infection surveillance and control in the severely traumatized patient, 638
- Joint associations of multiple risk factors with the occurrence of nosocomial infection, 960
- Lessons learned from surveillance cultures in patients with acute nonlymphocytic leukemia, 423
- Management of infections in hospital employees, 919
- Microbiologic sampling of the inanimate environment in U.S. hospitals, 1976-1977, 941
- Nosocomial bacteremia, 719
- Nosocomial infection of the urinary tract, 651
- Nosocomial infections—a 1980 view: progress, priorities and prognosis, 381
- Nosocomial infections in immunocompromised children, 412
- Nosocomial infections in the immunocompromised adult, 398
- Nosocomial infections in U.S. hospitals, 1975-1976, 947
- Nosocomial septicemia and meningitis in neonates, 698
- Nosocomial viral hepatitis, 439
- Nosocomial viral respiratory infections: perinatal weeds on pediatric wards, 670
- Preface Second International Conference on nosocomial infections, 379
- Prevention of catheter-associated urinary tract infections, 655
- Progress report on the evaluation of the efficacy of infection surveillance and control programs, 971
- Risk factors for postoperative pneumonia, 677
- Role of respiratory assistance devices in endemic nosocomial pneumonia, 681
- Secular trends in nosocomial infections: 1970-1979, 389
- Serratia marcescens* nosocomial infections of the urinary tract associated with urine measuring containers and urinometers, 659
- Sporadic and epidemic nosocomial legionellosis in the United States, 707
- Strategies for prevention and control of multiple drug-resistant nosocomial infection, 449
- Surgical wound infection occurrence in clean operations, 909
- Surgical wound infections: an overview, 712
- Techniques and uses of nosocomial infection surveillance in U.S. hospitals, 1976-1977, 933
- Use of prophylactic antibiotics in surgical practice, 686
- Value of protective isolation in preventing nosocomial infections in high risk patients, 631

Syncope

- Clinical spectrum of autonomic dysfunction, 1091

- Systemic lupus erythematosus**
Immunologic and clinical aspects of immune complex disease (CBSS), 1097
- Teaching services**
Restructuring an internal medicine residency program to meet regional and national needs for general internists, 1085
- Teflon catheters**
Complications of intravenous therapy with steel needles and teflon catheters, 702
- Teichoic acid antibody**
Teichoic acid antibody and circulating immune complexes in the management of staphylococcus aureus bacteremia, 769
- Testosterone secretion**
Hirsutism progressing to virilization in an older woman (CPC), 1255
- Tests**
See specific type
- Tetradecapeptide**
Somatostatin and diabetes, 619
- Tetralogy of Fallot**
Congenital heart disease in a male adult (CPC), 1107
- Thiazide**
Thiazide-induced hyponatremia associated with death or neurologic damage in outpatients, 1163
- Thromboembolism**
Heparin therapy in venous thromboembolism, 808
- Thrombosis**
Role of noninvasive tests versus pulmonary angiography in the diagnosis of pulmonary embolism, 17
- Thyroid cancer**
Papillary thyroid carcinoma: a 10 year follow-up report of the impact of therapy in 576 patients, 511
- Thyroid disease**
Partial peripheral resistance to thyroid hormone, 1115
- Thyroidectomy, total**
Papillary thyroid carcinoma: a 10 year follow-up report of the impact of therapy in 576 patients, 511
- Thyroid gland**
David Marine: America's pioneer thyroidologist (MSS), 483
James Howard Means and his romance with the thyroid gland (MSS), 1158
- Thyroid hormone resistance**
Partial peripheral resistance to thyroid hormone, 1115
- Thyroidology**
David Marine: America's pioneer thyroidologist (MSS), 483
- Thyrotoxicosis**
Myxedema and obstructive sleep apnea, 1061
- T lymphocytes**
Characterization of renal tissue lymphocytes in patients with interstitial nephritis, 31
- Toxicology**
Comparative toxicology, environmental health and national productivity (MSS), 9
- Tracheotomy**
Complications and consequences of endotracheal intubation and tracheotomy, 65
- Transbronchial biopsy**
Bronchoscopy and transbronchial biopsy in evaluation of patients with suspected active tuberculosis, 1189
- Transmembrane signaling**
Insulin action, 142
- Transplantation**
Transplantation of insulin-producing tissue, 589
- transplant rejection**
Pathogenesis of hyperchloremic metabolic acidosis associated with kidney transplantation, 786
- Trauma**
Infection surveillance and control in the severely traumatized patient, 638
- Trilodonthyrone**
Partial peripheral resistance to thyroid hormone, 1115
- Trimethoprim-sulfamethoxazole**
Intravenous trimethoprim-sulfamethoxazole therapy for Pneumocystis carinii pneumonia, 1215
Primary cutaneous nocardia asteroides infection with dissemination, 859
- Tuberculomas**
Solitary pulmonary nodules due to nontuberculous mycobacterial infection, 39
- Tuberculosis**
Bronchoscopy and transbronchial biopsy in evaluation of patients with suspected active tuberculosis, 1189
- Tuberculous meningitis**
Ventriculoatrial shunting for hydrocephalus complicating tuberculous meningitis, 895
- Tubular factors**
Pathophysiology of acute renal failure (E), 479
- Tumor**
See also specific type
Aorticopulmonary paraganglioma and gastric leiomyoblastoma in a young woman, 1288
Association between human tumor colony-forming assay results and response of an individual patient's tumor to chemotherapy, 1027
Bilateral occurrence of pheochromocytoma in patients with the multiple endocrine neoplasia syndrome type 2A (Sipple's syndrome), 1051
Ectopic hormone production (E), 995
Endocrine studies in a patient with functioning adrenal rest tumor of the liver, 1122
Familial glucagonoma syndrome, 1017
Is prolactin secreted ectopically? 803
Occupational carcinogenesis: the Louisville experience with vinyl chloride-associated hepatic angiosarcoma, 279
Papillary thyroid carcinoma: a 10 year follow-up report of the impact of therapy in 576 patients, 511
- Tumor colony-forming assay**
Association between human tumor colony-forming assay results and response of an individual patient's tumor to chemotherapy, 1027
- Tumor, epidural**
Early diagnosis of spinal epidural metastases, 1181
- Typing methods**
Epidemiologic typing of nosocomial microorganisms, 899
- Uremia**
Pruritus in cholestasis: no direct causative role for bile acid retention, 1011
- Urethra**
Nosocomial infection of the urinary tract, 651
- Urethral catheter**
Prevention of catheter-associated urinary tract infections, 655
- Uric acid**
Long-term follow-up of incorporation of ¹⁵N from glycine into uric acid in gout, 797
- Urinary sodium**
Body fluid homeostasis in man, 77
- Urinary tract infection**
Nosocomial infection of the urinary tract, 651
Prevention of catheter-associated urinary tract infections, 655
Serratia marcescens nosocomial infections of the urinary tract associated with urine measuring containers and urinometers, 659
- Urine measuring containers**
Serratia marcescens nosocomial infections of the urinary tract associated with urine measuring containers and urinometers, 659
- Urinometers**
Serratia marcescens nosocomial infections of the urinary tract associated with urine measuring containers and urinometers, 659
- Uropathy**
Studies of the pathogenesis of interstitial cystitis, obstructive uropathy, and intestinal malabsorption in a patient with systemic lupus erythematosus, 875
- Urticaria**
Pathogenic basis of urticaria and angioedema: recent advances (E), 755
- Vaccines**
Management of infections in hospital employees, 919
- Valvular heart disease**
Radiation heart disease, 519
- Vanderbilt experience**
Evolution of antimicrobial resistance and nosocomial infection, 445
- Vascular catheters**
Comparative study of polyantibiotic and iodophor ointments in prevention of vascular catheter-related infection, 739
- Vascular disease**
Pathophysiology of acute renal failure (E), 479
Sulfonylureas and platelet function, 627
- Vasculitis**
Nodular regenerative hyperplasia of the liver associated with macroglobulinemia, 1203
- Vena caval obstruction**
Superior vena caval obstruction, 1169
- Venesection**
Myocardial involvement in idiopathic hemochromatosis, 1275
- Venous thromboembolism**
Heparin therapy in venous thromboembolism, 808

Ventilation

Sustained reversal of chronic hypercapnia in patients with alveolar hypoventilation syndromes, 269

Ventricular ectopic activity

Diuretic-induced ventricular ectopic activity, 762

Ventricular fibrillation

Sudden cardiac death (E), 1151

Ventricular function

Effect of diuresis on the performance of the failing left ventricle in man, 234

Ventriculoatrial shunt

Ventriculoatrial shunting for hydrocephalus complicating tuberculous meningitis, 895

Vinyl chloride

Occupational carcinogenesis: the Louisville experience with vinyl chloride-associated hepatic angiosarcoma, 279

Viral diabetes mellitus

Viral diabetes mellitus in man and experimental animals, 127

Viral hepatitis

Incidence and severity of viral hepatitis in pregnancy, 252
Nosocomial viral hepatitis, 439

Viral infections

Successful treatment with acyclovir of an immunodeficient patient infected simultaneously with multiple herpesviruses, 882

Virilization

Endocrine studies in a patient with functioning adrenal rest tumor of the liver, 1122

Hirsutism progressing to virilization in an older woman (CPC), 1255

Viruses

Viral diabetes mellitus in man and experimental animals, 127

Vitrectomy

Recent advances in diabetic retinopathy, 595

Volume sensors

See also Fluid disorders
Body fluid homeostasis in man, 77

Water metabolism

Water metabolism in diabetes mellitus, 210

Work-related accidents

Epidemiology of needle-stick injuries in hospital personnel, 928

Zinc, oral

Beneficial effects of oral zinc supplementation on the immune response of old people, 1001

Zinc supplementation

Beneficial effects of oral zinc supplementation on the immune response of old people, 1001



The American Journal of Medicine®

666 FIFTH AVENUE, NEW YORK, NEW YORK 10103

Technical Publishing

DB a company of
The Dun & Bradstreet Corporation

Editor

ARTHUR J. ANTENUCCI, M.D.

Consultant, Medicine
ROOSEVELT HOSPITAL
New York, New York

Assistant Editor

RICHARD B. DEVEREUX, M.D.

Assistant Professor of Medicine
CORNELL UNIVERSITY MEDICAL COLLEGE
New York, New York

Executive Editor

HELENA B. MANNION

Assistant Managing Editor

GAIL BONFANTE

Publisher

ROBERT T. BRAWN

ADVISORY BOARD

NICHOLAS P. CHRISTY, M.D.
DOWNSTATE MEDICAL CENTER,
STATE UNIVERSITY OF NEW YORK
Brooklyn, New York

ROBERT A. GOOD, M.D.
SLOAN-KETTERING INSTITUTE
FOR CANCER RESEARCH
New York, New York

EDWARD W. HOOK, M.D.
UNIVERSITY OF VIRGINIA
SCHOOL OF MEDICINE
Charlottesville, Virginia

DAVID M. KIPNIS, M.D.
WASHINGTON UNIVERSITY
SCHOOL OF MEDICINE
St. Louis, Missouri

HENRY G. KUNKEL, M.D.
THE ROCKEFELLER UNIVERSITY
New York, New York

JOHN H. LARAGH, M.D.
THE NEW YORK HOSPITAL-CORNELL
MEDICAL CENTER
New York, New York

VICTOR A. McKUSICK, M.D.
THE JOHNS HOPKINS UNIVERSITY
SCHOOL OF MEDICINE
Baltimore, Maryland

HELEN M. RANNEY, M.D.
UNIVERSITY OF CALIFORNIA, SAN DIEGO
SCHOOL OF MEDICINE
San Diego, California

DONALD W. SELDIN, M.D.
THE UNIVERSITY OF TEXAS
SOUTHWESTERN MEDICAL SCHOOL
Dallas, Texas

LLOYD H. SMITH JR.
UNIVERSITY OF CALIFORNIA
San Francisco, California

HIBBARD E. WILLIAMS, M.D.
THE NEW YORK HOSPITAL-CORNELL
MEDICAL CENTER
New York, New York

ASSOCIATE EDITORS

Allergy and Immunology

ANTHONY S. FAUCI, M.D.
Bethesda, Maryland
EDWARD C. FRANKLIN, M.D.
New York, New York

Cardiovascular Disease

EUGENE BRAUNWALD, M.D.
Boston, Massachusetts
DOUGLAS P. ZIPES, M.D.
Indianapolis, Indiana

Endocrinology and Metabolism

WILLIAM D. ODELL, M.D. Ph.D.
Torrance, California

Gastroenterology

TELFER B. REYNOLDS, M.D.
Los Angeles, California
MARVIN H. SLEISINGER, M.D.
San Francisco, California

Hematology

CHARLES E. MENGEL, M.D.
Columbia, Missouri
RALPH L. NACHMAN, M.D.
New York, New York

Infectious Diseases

DONALD KAYE, M.D.
Philadelphia, Pennsylvania
SHELDON M. WOLFF, M.D.
Boston, Massachusetts

Internal Medicine

RICHARD L. BYYNY, M.D.
Denver, Colorado
MARK SIEGLER, M.D.
Chicago, Illinois

Medical Oncology

VINCENT T. DeVITA, Jr., M.D.
Bethesda, Maryland
JAMES F. HOLLAND, M.D.
New York, New York

Nephrology

THOMAS E. ANDREOLI, M.D.
Houston, Texas
BARRY M. BRENNER, M.D.
Boston, Massachusetts

Neurology

GUY M. McKHANN, M.D.
Baltimore, Maryland
JEROME B. POSNER, M.D.
New York, New York

Pulmonary Diseases

CLAUDE LENFANT, M.D.
Bethesda, Maryland
JOHN F. MURRAY, M.D.
San Francisco, California

Rheumatology

CHARLES L. CHRISTIAN, M.D.
New York, New York
JOHN L. DECKER, M.D.
Bethesda, Maryland

TECHNICAL PUBLISHING COMPANY, a Division of

DUN-DONNELLEY PUBLISHING CORPORATION, a DUN & BRADSTREET COMPANY

666 Fifth Avenue, New York, New York 10103

Copyright © 1981

All rights reserved. No parts of the contents of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or by any information storage retrieval system, without the written permission of the copyright owner.

Printed in the United States of America

The American Journal of Medicine®

CONTENTS IN BRIEF

EDITORIALS

- 1 **Endocrine and Environmental Influences on Sexual Roles**
Hiroyuki Oshima, Philip Troen
- 4 **Electrocardiogram in the Aged: An Independent Marker of Heart Disease?**
Charles Fisch
- 7 **Prenatal Diagnosis of Genetic Disorders**
Aubrey Milunsky

MEDICINE, SCIENCE AND SOCIETY

- 9 **Comparative Toxicology, Environmental Health and National Productivity**
Joseph Lederberg
- 12 **The Rise and Fall of Disease**
Alfred Jay Bollet

CLINICAL STUDIES

- 17 **The Role of Noninvasive Tests Versus Pulmonary Angiography in the Diagnosis of Pulmonary Embolism**
Ray Cheely, William H. McCartney, J. Randolph Perry, David J. Delany, Leo Bustad, Virgil H. Wynia, Thomas R. Griggs
- 23 **The Reflex Sympathetic Dystrophy Syndrome (RSDS). III. Scintigraphic Studies, Further Evidence for the Therapeutic Efficacy of Systemic Corticosteroids, and Proposed Diagnostic Criteria**
Franklin Kozin, Lawrence M. Ryan, Guillermo F. Carerra, Jagmeet S. Soin
- 31 **Characterization of Renal Tissue Lymphocytes in Patients with Interstitial Nephritis**
G. Husby, K. S. K. Tung, R. C. Williams, Jr.
- 39 **Solitary Pulmonary Nodules Due to Nontuberculous Mycobacterial Infection**
Allen R. Gribetz, Beca Damsker, Edward J. Bottone, Paul A. Kirschner, Alvin S. Tierstein
- 44 **Value of Serial Measurement of Serum Angiotensin Converting Enzyme in the Management of Sarcoidosis**
Prashant K. Rohatgi, James W. Ryan, Paul Lindeman
- 51 **Extra Charges and Prolongation of Stay Attributable to Nosocomial Infections: A Prospective Interhospital Comparison**
Robert W. Haley, Dennis R. Schaberg, Kent B. Grossley, Stephen D. Von Allmen, John E. McGowan
- 59 **Enhanced In Vivo Platelet Release Reaction with Malondialdehyde Formation in Patients with Hyperlipidemia**
Joseph Zahavi, John D. Betteridge, Nigel A. G. Jones, David J. Galton, Vijay V. Kakkar
- 65 **Complications and Consequences of Endotracheal Intubation and Tracheotomy. A Prospective Study of 150 Critically Ill Adult Patients**
John L. Stauffer, Daniel E. Olson, Thomas L. Petty

REVIEW

- 77 **Body Fluid Homeostasis in Man. A Contemporary Overview**
Karl L. Skorecki, Barry M. Brenner

CLINICOPATHOLOGIC CONFERENCE

- 87 **Rheumatoid Arthritis with Felty's Syndrome, Hyperviscosity and Immunologic Hyperreactivity (Washington University School of Medicine)**

SYMPOSIUM ON DIABETES MELLITUS (PART I)

- 101 **Foreword. Diabetes Mellitus: Progress and Directions**
Jay S. Skyler, George F. Cahill, Jr.
- 105 **The Pancreatic Islets in Diabetes**
Willy Goetts, Philip M. LeCompte
- 116 **The Genetics of the Glucose Intolerance Disorders**
Jerome I. Rotter, David L. Rimoim
- 127 **Viral Diabetes Mellitus in Man and Experimental Animals**
John E. Craighead
- 135 **Autoimmunity in Insulin-Dependent Diabetes Mellitus**
Jørn Nerup, Åke Lernmark
- 142 **Insulin Action**
Michael P. Czech
- 151 **Mechanisms of Insulin Resistance in Obesity and Noninsulin-Dependent (Type II) Diabetes**
Jerrold M. Olefsky, Orville G. Kolterman
- 169 **Mechanisms of Insulin Resistance in Man. Assessment Using the Insulin Dose-Response Curve in Conjunction with Insulin-Receptor Binding**
Robert A. Rizza, Lawrence J. Mandarino, John E. Gerich
- 177 **Patient Self-Monitoring of Blood Glucose and Refinements of Conventional Insulin Treatment**
Robert Tattersall, Edwin Gale
- 183 **Treatment of Diabetes Mellitus by Devices**
J. Stuart Soeldner
- 195 **Diabetic Neuropathy and Plasma Glucose Control**
Daniel Porte, Jr., Ronald J. Graf, Jeffrey B. Halter, Michael A. Pfeifer, Eugen Halar
- 201 **Diabetes and Exercise**
Erik A. Richter, Neil B. Ruderman, Steven H. Schneider
- 210 **Water Metabolism in Diabetes Mellitus**
Faith B. Davis, Paul J. Davis
- A57 **Information for Authors**

Abstracts of papers in this issue (A29, A32, A34, A40, A42, A45, A56)

The American Journal of Medicine®

CONTENTS IN BRIEF

EDITORIALS

- 215 **Cytomegalovirus: Subclinical Infection or Disease?**
Harvey M. Friedman
- 218 **What is Environmental Pathology?**
Hans Popper, Irving, J. Selikoff
- 221 **Clinical Pharmacology: A New Specialty**
Reynold Spector, Robert Roberts, Elliot S. Vesell

MEDICINE, SCIENCE AND SOCIETY

- 223 **Public Policy and Patient Care: Implications for Internal Medicine**
Jeremiah A. Barondess

CLINICAL STUDIES

- 227 **Renal Failure in Minimal Change Nephrotic Syndrome**
Jerome Lowenstein, Robert G. Schacht, David S. Baldwin
- 234 **Effect of Diuresis on the Performance of the Failing Left Ventricle in Man**
John R. Wilson, Nathaniel Reichel, W. Bruce Dunkman, Sheldon Goldberg
- 240 **Cerebrospinal Fluid Antibodies to Neuronal Cells: Association with Neuropsychiatric Manifestations of Systemic Lupus Erythematosus**
Harry G. Bluestein, Gary W. Williams, Alfred D. Steinberg
- 247 **Pneumococcal Pericarditis: A Persisting Problem in Contemporary Diagnosis**
Steven L. Berk, Peter A. Rice, Christine A. Reynolds, Maxwell Finland
- 252 **Incidence and Severity of Viral Hepatitis in Pregnancy**
Mohammad Sultan Khuroo, Mohammed Ramzan Teli, Susan Skidmore, Mohammad Amin Sofi, Mohammad Ismail Khuroo
- 256 **Ara-C Lung: Noncardiogenic Pulmonary Edema Complicating Cytosine Arabinoside Therapy of Leukemia**
Helen M. Haupt, Grover M. Hutchins, G. William Moore
- 262 **Minimal Change Nephropathy: An Electrochemical Disorder of the Glomerular Membrane**
Brian J. Carrie, William R. Salyer, Bryan D. Myers

REPORTS ON THERAPY

- 269 **Sustained Reversal of Chronic Hypercapnia in Patients with Alveolar Hypoventilation Syndromes. Long-Term Maintenance with Noninvasive Nocturnal Mechanical Ventilation**
Stuart M. Garay, Gerald M. Turino, Roberta M. Doldring

SPECIAL ARTICLE

- 275 **Laennec and the Discovery of Mediate Auscultation**
Paul Kligfield

REVIEWS

- 279 **Occupational Carcinogenesis: The Louisville Experience with Vinyl Chloride-Associated Hepatic Angiosarcoma**
Charles L. Dannaher, Carlo H. Tamburro, Lung T. Yam

- 288 **Sickle Cell Anemia As A Rheologic Disease**
McDonald K. Horne, III

CLINICOPATHOLOGIC CONFERENCE

- 299 **Bleeding of the Upper Gastrointestinal Tract and a Hepatic Mass (Washington University School of Medicine)**

CASE REPORTS

- 311 **Membranous Glomerulonephritis Secondary to Hydatid Disease**
A. Sánchez Ibarrola, B. Sobrini, J. Guisantes, J. Pardo, J. Diez, J. M. Monfá, A. Purroy
- 316 **Acute Severe Hypercalcemia a la Münchhausen**
Boy Frame, George M. Jackson, Michael Kleerekoper, D. S. Rao, A. J. D. DeLorenzo, Michael Garcia
- 320 **Amyloidosis in Systemic Lupus Erythematosus**
David P. Huston, Keith P. W. J. McAdam, James E. Balow, Raymond Bass, Ronald A. DeLellis

SYMPOSIUM ON DIABETES MELLITUS (PART II)

- 325 **Nonenzymatic Glycosylation of Protein: Relevance to Diabetes**
H. Franklin Bunn
- 331 **The Clinical Utility of Glycosylated Hemoglobin**
Lois Jovanovic, Charles M. Peterson
- 339 **Hematologic Alterations in Diabetes Mellitus**
Robert L. Jones, Charles M. Peterson
- 353 **Animal Models of Diabetes**
John P. Mordes, Aldo A. Rossini
- 361 **The Pharmacology of Sulfonyleureas**
Thomas G. Skillman, Jerome M. Feldman
- 373 **Effect of Sulfonyleurea Therapy and Plasma Glucose Levels on Hemoglobin A_{1c} in Type II Diabetes Mellitus**
T. A. Schultz, S. B. Lewis, J. L. Davis, C. R. Rost, M. M. Blizotes

SYMPOSIUM ON NOSOCOMIAL INFECTIONS (PART I)

- 379 **Preface. Second International Conference on Nosocomial Infections**
Richard E. Dixon
- 381 **Nosocomial Infections—A 1980 View: Progress, Priorities and Prognosis**
Theodore C. Eickhoff
- 389 **Secular Trends in Nosocomial Infections: 1770-1979**
James R. Allen, Allen W. Hightower, Stanley M. Martin, Richard E. Dixon
- 393 **Comparison of Endemic and Epidemic Nosocomial Infections**
Walter E. Stamm, Robert A. Weinstein, Richard E. Dixon
- 398 **Nosocomial Infections in the Immunocompromised Adult**
Lowell S. Young

CONTENTS IN BRIEF (Cont'd)

- 405 Infection in the Renal Transplant Recipient**
Robert H. Rubin, John S. Wolfson, A. Benedict Cosimi, Nina E. Tolkoﬀ-Rubin
- 412 Nosocomial Infections in Immunocompromised Children**
Walter T. Hughes, Timothy R. Townsend
- 417 Bacterial Colonization and Infection in the Neonate**
Donald A. Goldman
- 423 Lessons Learned from Surveillance Cultures in Patients with Acute Nonlymphocytic Leukemia: Usefulness for Epidemiologic Preventive and Therapeutic Research**
Kathryn A. Newman, Stephen C. Schimpff, Viola Mae Young, Peter H. Wiernik
- 432 Bacteria Newly Recognized as Nosocomial Pathogens**
David W. Fraser
- 439 Nosocomial Viral Hepatitis**
James E. Maynard
- 445 Evolution of Antimicrobial Resistance and Nosocomial Infection. Lessons from the Vanderbilt Experience**
Dennis R. Schaberg, Craig E. Rubens, Robert H. Alford, W. Edmund Farrar, William Schaffner, Zell A. McGee
- 449 Strategies for Prevention and Control of Multiple Drug-Resistant Nosocomial Infection**
Robert A. Weinstein, Sherwin A. Kabins
- 455 Eradication of Epidemic Methicillin-Gentamicin-Resistant *Staphylococcus aureus* in an Intensive Care Nursery**
Lisa M. Dunkle, Shehla H. Naqvi, Rose McCallum, J. B. Lofgren
- 459 Aspects of the Plasmid-Mediated Antibiotic Resistance and Epidemiology of *Klebsiella* Species**
Mark William Casewell, Ian Phillips
- 463 Immunization Against Nosocomial Infection**
Abraham I. Braude, Elizabeth J. Ziegler, J. Allen McCutchan, Herndon Douglas
- 467 Considerations of Antibiotic Prophylaxis in Nonsurgical High Risk Patients**
George Gee Jackson
- 324 Information for Authors**
- 474 CME Calendar**
- Abstracts of Papers in This Issue (A29, A32, A37, A41, A53, A57, A61)

The American Journal of Medicine®

CONTENTS IN BRIEF

EDITORIALS

- 475 Clinical Evaluation of Parathyroid Function**
Arthur E. Broadus, Howard Rasmussen
- 479 Pathophysiology of Acute Renal Failure**
Peter Smolens, Jay H. Stein

MEDICINE, SCIENCE AND SOCIETY

- 483 David Marine: America's Pioneer Thyroidologist**
A. McGehee Harvey

CLINICAL STUDIES

- 487 Extralymphatic Hodgkin's Disease. Prognosis and Response to Therapy**
Frank M. Torti, Carol S. Portlock, Saul A. Rosenberg, Henry S. Kaplan
- 493 Alport's Syndrome. A Report of 58 Cases and Review of the Literature**
M. C. Gubler, M. Levy, M. Broyer, C. Naizot, G. Gonzales, D. Perrin, R. Habib
- 506 Menopause, Medroxyprogesterone and Breathing During Sleep**
A. Jay Block, James W. Wynne, Philip G. Boysen, Sherry Lindsey, Cynthia Martin, Bernard Cantor
- 511 Papillary Thyroid Carcinoma: A 10 Year Follow-Up Report of the Impact of Therapy in 576 Patients**
Ernest L. Mazzaferri, Robert L. Young
- 519 Radiation Heart Disease. Analysis of 16 Young (Aged 15-33 Years) Necropsy Patients Who Received Over 3,500 Rads to the Heart**
Frank C. Brosius, III, Bruce F. Waller, William C. Roberts
- 531 Urinary Excretion of Hageman Factor (Factor XII) and the Presence of Nonfunctional Hageman Factor in the Nephrotic Syndrome**
Hidehiko Saito, Lawrence T. Goodnough, Sudesh P. Makker, Ronald J. Kallen

REPORTS ON THERAPY

- 535 Prostaglandins in Primary Dysmenorrhea. Comparison of Prophylactic and Nonprophylactic Treatment with Ibuprofen and Use of Oral Contraceptives**
W. Y. Chan, M. Yusoff Dawood, Fritz Fuchs

REVIEW

- 542 Interstitial Lung Disease: Current Concepts of Pathogenesis, Staging and Therapy**
Ronald G. Crystal, James E. Gadek, Victor J. Ferrans, Jack D. Fulmer, Bruce R. Line, Gary W. Hunninghake

CLINICOPATHOLOGIC CONFERENCE

- 569 Nephrotic Syndrome in a Patient with Rheumatoid Arthritis (Washington University School of Medicine)**

SYMPOSIUM ON DIABETES MELLITUS (PART III)

- 579 Insulin Secretion in Diabetes Mellitus**
Michael A. Pfeiffer, Jeffrey B. Halter, Daniel Porte, Jr.

- 589 Transplantation of Insulin-Producing Tissue**
Paul E. Lacy, Joseph M. Davie, Edward H. Finke

- 595 Recent Advances in Diabetic Retinopathy**
Lawrence I. Rand

- 603 The Kidney in Diabetes**
S. Michael Mauer, Michael W. Steffes, David M. Brown

- 613 Diabetes Mellitus in Pregnancy: Have All the Problems Been Solved?**
Steven G. Gabbe

- 619 Somatostatin and Diabetes**
John E. Gerich

- 627 Sulfonyleureas and Platelet Function**
L. J. Klaff, L. Kernoff, A. I. Vinik, W. P. U. Jackson, P. Jacobs

SYMPOSIUM ON NOSOCOMIAL INFECTIONS (PART II)

- 631 The Value of Protective Isolation in Preventing Nosocomial Infections in High Risk Patients**
Philip A. Pizzo
- 638 Infection Surveillance and Control in the Severely Traumatized Patient**
Ellis S. Caplan, Nancy Hoyt
- 641 The Effect of Private Isolation Rooms on Patient Care Practices, Colonization and Infection in an Intensive Care Unit**
Gary A. Preston, Elaine L. Larson, Walter E. Stamm
- 646 The Emergence of Corynebacterium Bacteria As a Cause of Nosocomial Infections in Compromised Hosts**
Viola M. Young, William F. Meyers, Marcia R. Moody, Stephen C. Schimpff
- 651 Nosocomial Infection of the Urinary Tract**
Marvin Turck, Walter Stamm
- 655 Prevention of Catheter-Associated Urinary Tract Infections. Efficacy of Daily Meatal Care Regimens**
John P. Burke, Richard A. Garibaldi, Michael R. Britt, Jay A. Jacobson, Marilyn Conti, David W. Alling
- 659 Serratia marcescens Nosocomial Infections of the Urinary Tract Associated with Urine Measuring Containers and Urinometers**
William A. Rutala, Virginia A. Kennedy, Hope B. Loflin, Felix A. Sarubbi, Jr.
- 664 Hospital-Acquired Gram-Negative Rod Pneumonias: An Overview**
F. Marc LaForce
- 670 Nosocomial Viral Respiratory Infections: Perennial Weeds on Pediatric Wards**
Caroline Breese Hall
- 677 Risk Factors for Postoperative Pneumonia**
Richard A. Garibaldi, Michael R. Britt, Miki L. Coleman, James C. Reading, Nathan L. Pace
- 681 Role of Respiratory Assistance Devices in Endemic Nosocomial Pneumonia**
Alan S. Cross, Brenda Roup
- 686 Use of Prophylactic Antibiotics in Surgical Practice**
Ronald Lee Nichols

CONTENTS IN BRIEF

- 693 **Airborne Bacteria and Surgical Infection**
Owen M. Lidwell
- 698 **Nosocomial Septicemia and Meningitis in Neonates**
Carol J. Baker
- 702 **Complications of Intravenous Therapy with Steel Needles and Teflon® Catheters. A Comparative Study**
John L. Tully, Gerald H. Friedland, Linda M. Baldini, Donald A. Goldmann
- 707 **Sporadic and Epidemic Nosocomial Legionellosis in the United States. Epidemiologic Features**
Albert C. England, III, David W. Fraser
- 712 **Surgical Wound Infections: An Overview**
Thomas K. Hunt
- 719 **Nosocomial Bacteremia: An Epidemiologic Overview**
Dennis G. Maki
- 733 **Endemic Rate of Fluid Contamination and Related Septicemia in Arterial Pressure Monitoring**
Dennis G. Maki, Carol A. Hassemer
- 739 **A Comparative Study of Polyantibiotic and Iodophor Ointments in Prevention of Vascular Catheter Related Infection**
Dennis G. Maki, Jeffrey D. Band
- 486 **Information for Authors**
Abstracts of Papers in This Issue (A29, A33, A36, A41, A45, A52, A56, A58, A62, A67)

The American Journal of Medicine®

CONTENTS IN BRIEF

EDITORIALS

- 745 Biology of Placebo Analgesia**
Howard L. Fields, Jon D. Levine
- 747 Role of Coronary Arteriography in the Evaluation of Patients with Coronary Artery Disease**
Arthur Selzer, Richard C. Pasternak
- 752 The Revival of Coronary Spasm**
Attilio Maseri
- 755 The Pathogenic Basis of Urticaria and Angioedema: Recent Advances**
Allen P. Kaplan

MEDICINE, SCIENCE AND SOCIETY

- 759 Louis Harry Newburgh: Compleat Clinical Investigator with a Passion for Measurement**
A. McGehee Harvey

CLINICAL STUDIES

- 762 Diuretic-Induced Ventricular Ectopic Activity**
O. Bryan Holland, J. V. Nixon, LaVon Kuhnert
- 769 Teichoic Acid Antibody and Circulating Immune Complexes in the Management of Staphylococcus aureus Bacteremia**
Jonathan E. Kaplan, Darwin L. Palmer, Kenneth S. K. Tung
- 775 Coronary Arterial Disease in Systemic Lupus Erythematosus. Quantification of Degrees of Narrowing in 22 Necropsy Patients (21 Women) Aged 16 to 37 Years**
Yasmeen S. Haider, William C. Roberts
- 782 Recovery from Alcoholism in Cirrhotic Patients. A Study of 45 Cases**
Arthur J. Patek, Jr., John A. Hermos
- 786 The Pathogenesis of Hyperchloremic Metabolic Acidosis Associated with Kidney Transplantation**
Daniel C. Battle, Martin F. Mozes, Jose Manaligod, Jose A. L. Arruda, Neil A. Kurtzman
- 797 Long-Term Follow-Up of Incorporation of ¹⁵N from Glycine Into Uric Acid in Gout**
Ts'AI-Fan Yu, John Roboz
- 803 Is Prolactin Secreted Ectopically?**
Mark E. Molitch, Sharon Schwartz, Bijay Mukherji

REPORTS ON THERAPY

- 808 Heparin Therapy in Venous Thromboembolism**
James E. Wilson, III, Lincoln J. Bynum, Robert W. Parkey
- 817 High-Dose Intravenous Methylprednisolone Pulse Therapy in Systemic Lupus Erythematosus**
Robert P. Kimberly, Michael D. Lockshin, Raymond L. Sherman, J. Steven McDougal, Robert D. Inman, Charles L. Christian
- 825 Increase in Plasma Norepinephrine During Prazosin Therapy for Chronic Congestive Heart Failure**
Leon Stein, David P. Henry, Myron H. Weinberger

SPECIAL ARTICLE

- 833 Absence of Indicators of the Influence of Its Physicians on a Society's Health. Impact of Physician Care on Society**
Walsh McDermott

REVIEW

- 844 Multimodal Treatment of Primary Breast Carcinoma. Analysis of Accomplishments and Problem Areas**
Raymond B. Weiss, Jane E. Henney, Vincent T. DeVita, Jr.

CLINICOPATHOLOGIC CONFERENCE

- 852 Fever, Pharyngitis and Lymphadenopathy in a Patient with the Bernard-Soulier Syndrome (Washington University School of Medicine)**

CASE REPORTS

- 859 Primary Cutaneous Nocardia asteroides Infection with Dissemination**
Frederick W. Kahn, Charles C. Gornick, Robert W. Tofte
- 864 Histoplasmosis of Bone**
Roger C. Jones, Robert A. Goodwin, Jr.
- 867 Candida Pericarditis**
Robert H. K. Eng, Purnendu Sen, Kevin Browne, Donald B. Louria
- 870 Arthropathy, Hypoproteinemia and Normal Serum Iron Studies in Hereditary Hemochromatosis**
Itzhak A. Rosner, Ali D. Askari, Gordon D. McLaren, Angus Muir
- 875 Studies of the Pathogenesis of Interstitial Cystitis, Obstructive Uropathy, and Intestinal Malabsorption in a Patient with Systemic Lupus Erythematosus**
Michael H. Weisman, E. Chester McDonald, Curtis B. Wilson
- 882 Successful Treatment with Acyclovir of an Immunodeficient Patient Infected Simultaneously with Multiple Herpesvirus**
Thomas R. Cupps, Stephen E. Straus, Thomas A. Waldmann
- 887 Granulomatous Mediastinitis Due to Aspergillus flavus in a Nonimmunosuppressed Patient**
Muzaffar Ahmad, Allan J. Weinstein, James A. Hughes, Delos E. Cosgrove
- 891 Hypothyroidism Presenting as Muscle Stiffness and Pseudohypertrophy: Hoffmann's Syndrome**
Irwin Klein, Mitchel Parker, Robert Shebert, D. R. Ayyar, Gerald S. Levey
- 895 Ventriculoatrial Shunting for Hydrocephalus Complicating Tuberculous Meningitis**
Henry W. Murray, Robert D. Brandstetter, Michael H. Lavyne

SYMPOSIUM ON NOSOCOMIAL INFECTIONS (PART III)

- 899 Epidemiologic Typing of Nosocomial Microorganisms**
Robert C. Aber, Donald C. Mackel
- 906 Epidemiology of Antibiotic-Associated Colitis. Isolation of Clostridium Difficile from the Hospital Environment**
Robert Fekety, Kyung-Hee Kim, Donald Brown, Donald H. Batts, Margaret Cudmore, Joseph Silva, Jr.
- 909 Surgical Wound Infection Occurrence in Clean Operations. Risk Stratification for Interhospital Comparisons**
N. Joel Ehrenkranz
- 915 Differential Risks of Nosocomial Infection**
Jonathan Freeman, John E. McGowan, Jr.

CONTENTS IN BRIEF

- 919 Management of Infections in Hospital Employees**
Jerome O. Klein
- 924 Hepatitis B Infection in Hospital Personnel During an Eight-Year Period. Policies for Screening and Pregnancy in High Risk Areas**
Elizabeth L. Pantelick, Allen C. Steere, Herbert D. Lewis, Denis J. Miller
- 928 Epidemiology of Needle-Stick Injuries in Hospital Personnel**
Rita D. McCormick, Dennis G. Maki
- 933 Techniques and Uses of Nosocomial Infection Surveillance in U.S. Hospitals, 1976—1977**
T. Grace Emori, Robert W. Haley, Julia S. Garner
- 941 Microbiologic Sampling of the Inanimate Environment in U.S. Hospitals, 1976—1977**
G. F. Mallison, Robert W. Haley
- 947 Nosocomial Infections in U.S. Hospitals, 1975—1976: Estimated Frequency by Selected Characteristics of Patients**
Robert W. Haley, Thomas M. Hooton, David H. Culver, Richie C. Stanley, T. Grace Emori, C. David Hardison, Dana Quade, Richard H. Shachtman, Dennis R. Schaberg, Babu V. Shah, Gary D. Schatz
- 960 The Joint Associations of Multiple Risk Factors with the Occurrence of Nosocomial Infection**
Thomas M. Hooton, Robert W. Haley, David H. Culver, John W. White, W. Meade Morgan, Raymond J. Carroll
- 971 Progress Report on the Evaluation of the Efficacy of Infection Surveillance and Control Programs**
Robert W. Haley, David H. Culver, T. Grace Emori, Thomas M. Hooton, John W. White
- 976 Forging the Missing Link in Infection Control**
Richard E. Dixon
- 979 Commentary**
Karen J. Axnick, Theodore C. Eickhoff, Douglas C. Hubner, Edward H. Kass, J. Donald Millar, William Schaffner, R. E. O. Williams
- Abstracts of Papers in This Issue (A29, A34, A35, A40, A41, A45, A55, A58, A63)**

The American Journal of Medicine®

CONTENTS IN BRIEF

EDITORIALS

- 987 Exercise and Health**
V. Froelicher
- 989 Regression of Atherosclerosis**
Antonio M. Gotto, Jr.
- 992 The Case Against Seronegative Rheumatoid Arthritis**
Andrei Calin, Steven Marks
- 995 Ectopic Hormone Production**
Lawrence A. Frohman

MEDICINE, SCIENCE AND SOCIETY

- 998 Medicine in a Disrupted Society: The Role of the Academic Medical Center**
Theodore C. M. Li, Mark Kris, Daniel Weiner, Thomas C. Jones

CLINICAL STUDIES

- 1001 Beneficial Effects of Oral Zinc Supplementation on the Immune Response of Old People**
Jean Duchateau, Guy Delespesse, Roger Vrijens, Henri Collet
- 1005 The Predictive Value of a Strongly Positive Stress Test in Patients with Minimal Symptoms**
David S. Blumenthal, James L. Weiss, E. David Mellits, Gary Gerstenblith
- 1011 Pruritus in Cholestasis: No Direct Causative Role for Bile Acid Retention**
March R. Freedman, R. Thomas Holzbach, D. Roy Ferguson
- 1017 A Familial Glucagonoma Syndrome. Genetic, Clinical and Biochemical Features**
Peter W. Stacpoole, Jonathan Jaspan, A. G. Kasselberg, Susan A. Halter, Kenneth Polonsky, Frank W. Gluck, John E. Liljenquist, David Rabin
- 1027 Association Between Human Tumor Colony-Forming Assay Results and Response of an Individual Patient's Tumor to Chemotherapy**
Daniel D. Von Hoff, James Casper, Edward Bradley, Donna Jones, Robert Makuch
- 1033 Cervical Fracture Complicating Ankylosing Spondylitis. A Report of Eight Cases and Review of the Literature**
Garvin C. Murray, Robert H Persellin
- 1042 Reliability of Echocardiographic and Electrocardiographic Parameters in Assessing Serial Changes in Left Ventricular Mass**
Roy V. Ditchey, Gerhard Schuler, Kirk L. Peterson
- 1051 Bilateral Occurrence of Pheochromocytoma in Patients with the Multiple Endocrine Neoplasia Syndrome Type 2A (Sipple's Syndrome)**
Kees J. M. Lips, Jaap van der Sluis Veer, Albert Struyvenberg, Ad Alleman, John R. Leo, Paul Wittebol, Werner H. Minder, Cornelis J. Kooiker, Rolf A. Geerdink, Paul F. G. M. van Waa, Will H. L. Hackeng
- 1061 Myxedema and Obstructive Sleep Apnea**
William C. Orr, James L. Males, Norman K. Imes

REPORTS ON THERAPY

- 1067 The Effect of Continuous Normalization of Serum Hemolytic Complement on the Course of Lupus Nephritis. A Five Year Prospective Study**
Mark P. Jarrett, Leonarda B. Sablay, Leslie Walter, Peter Barland, Arthur I. Grayzel
- 1073 Lithium Therapy of Children with Chronic Neutropenia**
Helen S. L. Chan, Malvin H. Freedman, E. Fred Saunders
- 1078 Percutaneous Transluminal Renal Angioplasty in the Treatment of Unilateral Atherosclerotic Renovascular Hypertension**
Nicolao E. Madias, John T. Ball, Victor G. Millan

REVIEWS

- 1085 Restructuring an Internal Medicine Residency Program to Meet Regional and National Needs for General Internists**
David D. Dale, James F. Wallace, Hugh Clark, Paul H. Rockey, Harvey Featherstone, Robert G. Petersdorf
- 1091 The Clinical Spectrum of Autonomic Dysfunction**
Stephen Hines, Mark Houston, David Robertson,

COMBINED CLINICAL AND BASIC SCIENCE SEMINAR

- 1097 Immunologic and Clinical Aspects of Immune Complex Disease (New York Hospital-Cornell Medical Center)**
Lecturers: Robert D. Inman, Noorbibi K. Day

CLINICOPATHOLOGIC CONFERENCE

- 1107 Congenital Heart Disease in an Adult Male (Washington University School of Medicine)**

CASE REPORTS

- 1115 Partial Peripheral Resistance to Thyroid Hormone**
Michael M. Kaplan, Stephen L. Swartz, P. Reed Larsen
- 1122 Endocrine Studies in a Patient with Functioning Adrenal Rest Tumor of the Liver**
Eleanor Z. Wallace, Jean-Robert Leonidas, Albert E. Stanek, Avraam Avramides
- 1127 Immunoglobulin E Multiple Myeloma. A Case Report and Review of the Literature**
Takao Endo, Hidemasa Okumura, Kyoichi Kikuchi, Junji Munakata, Minoru Otake, Takeo Nomura, Hideo Asakawa
- 1133 Cutaneous Lesions in Disseminated Candidiasis Mimicking Ecthyma Ga-grenosum**
Jo David Fine, John A. Miller, Terence J. Harrist, Harley A. Haynes

CONTENTS IN BRIEF

1136 Renal Involvement in Refsum's Disease

Rufino C. Pabico, Barbara J. Gruebel, Barbara A. McKenna,
Robert C. Griggs, Joshua Hollander, Jacob Nusbacher,
Bernard J. Panner

**1144 Coronary Artery Spasm in the Denervated Transplanted
Human Heart: A Clue to Underlying Mechanisms**

Andrew J. Buda, Robert E. Fowles, John S. Schroeder, Sharon
A. Hunt, Paul R. Cipriano, Edward B. Stinson, Donald C.
Harrison

1150 Information for Authors

**Abstracts of Papers in this Issue (A24, A32, A41, A46, A57,
A61)**

A75 Books Received for Review

A79 CME Calendar

The American Journal of Medicine®

CONTENTS IN BRIEF

EDITORIALS

- 1151 Sudden Cardiac Death**
Douglas P. Zipes, James J. Heger, Eric N. Prystowsky
- 1155 Pulmonary Research: Advances and Clinical Implications**
Claude Lenfant, Malvina Schweizer

MEDICINE, SCIENCE AND SOCIETY

- 1158 James Howard Means and His Romance with the Thyroid Gland**
A. McGehee Harvey
- 1161 The Physician's Assistant and Internal Medicine**
Eugene A. Stead, Jr.

CLINICAL STUDIES

- 1163 Thiazide Induced Hyponatremia Associated with Death or Neurologic Damage in Outpatients**
Nasim Ashraf, Richard Locksley, Allen I. Arieff
- 1169 Superior Vena Caval Obstruction. Is It A Medical Emergency?**
Dean E. Schraufnagel, Ross Hill, Judith A. Leech, J. A. P. Pare
- 1175 Electrocardiographic Diagnosis of Right Ventricular Infarction**
Te-Chuan Chou, Johanna van der Bel-Kahn, James Allen, Louis Brockmeier, Noble O. Fowler
- 1181 Early Diagnosis of Spinal Epidural Metastases**
Lawrence D. Rodichok, Gregory R. Harper, John C. Ruckdeschel, Ann Price, Glenn Roberson, Kevin Barron, John Horton
- 1189 Bronchoscopy and Transbronchial Biopsy in Evaluation of Patients with Suspected Active Tuberculosis**
Jeanne M. Wallace, Andrew L. Deutsch, James H. Harrell, Kenneth M. Moser
- 1195 Direct Relationship Between Blood Pressure and Blood Viscosity in Normal and Hypertensive Subjects. Role of Fibrinogen Concentration**
Robert L. Letcher, Shu Chien, Thomas G. Pickering, Jean E. Sealey, John H. Laragh
- 1203 Nodular Regenerative Hyperplasia of the Liver Associated with Macroglobulinemia. A Clue to the Pathogenesis**
Ian R. Wanless, Lilian C. Solt, Paul Kortan, John H. N. Deck, Geoffrey W. Gardiner, Edward J. Prokipchuk
- 1210 Family Studies with HLA Typing in Reiter's Syndrome**
Muhammad Yunus, John J. Calabro, Kenneth A. Miller, Alfonse T. Masi

REPORTS ON THERAPY

- 1215 Intravenous Trimethoprim-Sulfamethoxazole Therapy for Pneumocystis carinii Pneumonia**
Fred R. Sattler, Jack S. Remington
- 1222 Lithium Carbonate in Patients with Small Cell Lung Cancer Receiving Combination Chemotherapy**
Gary H. Lyman, Charles C. Williams, Dennis Preston, Allan Goldman, William R. Dinwoodie, Hussain Saba, Robert Hartmann, Ralph Jensen, Leonard Shukovsky

SPECIAL ARTICLE

- 1231 Proliferative Diseases**
Michael B. Sporn, Edward D. Harris, Jr.

REVIEW

- 1237 Current Views of Neutrophil Dysfunction. An Integrated Clinical Perspective**
Alfred I. Tauber

COMBINED CLINICAL BASIC SCIENCE SEMINAR

- 1247 Brain Dysfunction in Mild to Moderate Hypoxia**
Gary E. Gibson, William Pulsinelli, John P. Blass, Thomas E. Duffy

CLINICOPATHOLOGIC CONFERENCE

- 1255 Hirsutism Progressing to Virilization in an Older Woman (Washington University School of Medicine)**

CASE REPORTS

- 1267 Diquat Intoxication. Report of Two Cases and Review of the Literature**
Raymond Vanholder, Francis Colordyn, Jacques De Reuck, Marleen Praet, Norbert Lameire, Severin Ringoir
- 1272 Acute Interstitial Nephritis and Acute Renal Failure Associated with Cimetidine Therapy**
Alan V. Richman, Janaki L. Narayan, Jan S. Hirschfield
- 1275 Myocardial Involvement in Idiopathic Hemochromatosis. Morphologic and Clinical Improvement Following Venesection**
Elizabeth M. Short, Roger A. Winkle, Margaret E. Billingham
- 1280 Marrow Transplantation for Juvenile Osteopetrosis**
Michael Sorell, Neena Kapoor, Dahlia Kirkpatrick, John F. Rosen, Raju S. K. Chaganti, Carlos Lopez, Bo Dupont, Marilyn S. Pollack, Bruce N. Terrin, Michael B. Harris, Debra Vine, Judith S. Rose, Chloe Goossen, Joseph Lane, Robert A. Good, Richard J. O'Reilly
- 1288 Aorticopulmonary Paraganglioma and Gastric Leiomyoblastoma in a Young Woman**
Michael P. Grace, Gerald Batist, William R. Grace, John F. Gillooley
- 1293 Coronary Arterial Versus Esophageal Spasm Response to Ergonovine**
Frank N. Gravano, Joseph K. Perloff, Lawrence A. Yeatman, Andrew F. Ippoliti
- 1230 Information for Authors**
- 1298 Author Index**
- 1301 Subject Index**
- Abstracts of Papers in This Issue (A41, A51, A56, A62, A83)**

AUTHOR and SUBJECT INDEXES
VOLUME 71
July—December 1981

AUTHOR INDEX—VOLUME 71

- Achuff SC, 799
 Adicoff A, 235
 Adroque HJ, 458
 Ajello L, 759
 Aldrich TK, 903
 Alexander RW, 89
 Alfrey AC, 33
 Alison RE, 751
 Almy TP, 193
 Amatruda J, 767
 Amberson JB, 171
 Ambrosi C, 352
 Amsterdam EE, 153
 Arayata RB, 1062
 Armanini D, 352
 Armengaud M, 693
 Armstrong D, 363, 571
 Aroldi A, 623
 Aron DC, 302
 Aroney RS, 26
 Arregui A, 733
 Artrui AS, 557
 Ashcraft MW, 806
 Awan NA, 153
 Axelrod L, 603
- Baier H, 497
 Baird I, 815
 Baker AS, 603
 Balfour HH Jr, 345
 Ballard JO, 493
 Bansal S, 961
 Barbato AL, 414
 Barbosa JA, 949
 Bartter FC, 578
 Barza M, 693
 Bassett JG, 1035
 Batts DH, 815
 Beaman BL, 928
 Bearn AG, 81
 Becker LC, 799
 Becker S, 199
 Bell DR, 26
 Benson JA Jr, 270
 Beretta-Piccoli C, 829
 Bertagna C, 855
 Berwick DM, 991
 Besa EC, 1035
 Betriu A, 431
 Bhasin S, 887
 Blend L, 533
 Bletry O, 736
 Block AJ, 240
 Blomqvist CG, 533
 Blum J, 228
 Bocanegra T, 181
 Boitnott JK, 733
 Bolton WK, 823
 Bottone EJ, 1062
 Bower JS, 908
 Boysen PG, 240
 Braden GL, 891
 Brancato FP, 395
 Braunwald E, 75, 89
 Bravo EL, 422
 Breslau NA, 615
 Britton F, 615
- Brooks MH, 414
 Brooks RM, 302
 Brown EM, 565
 Brown WV, 595
 Buckley RH, 59
 Bunn PA Jr, 210
 Burgess JH, 147
 Butler VP Jr, 67
- Cabeen W, 38
 Calabresi P, 949
 Campbell WB, 1009
 Carabello B, 75
 Caramela C, 615
 Castaner A, 431
 Chaffee RG, 395
 Chahine RA, 645
 Champlin RE, 973
 Chan T-K, 313
 Chan W-C, 313
 Chan WK, 26
 Chatterjee K, 140
 Cherubin CE, 199, 693
 Chesney PJ, 583
 Chesney RW, 583
 Chierchia S, 639
 Chretien J, 736
 Clark WD, 275
 Clarkson B, 107
 Clements PJ, 38
 Cline MJ, 973
 Clutter WE, 165
 Cody RJ Jr, 422
 Coe FL, 514
 Cohen GI, 407
 Cohen MS, 59
 Cohn JN, 135
 Collins S, 414
 Colucci WS, 75, 89
 Colussi G, 623
 Conti CR, 131, 977
 Cooper DR, 1035
 Cooper JAD, 903
 Corbett JR, 443
 Corey L, 395
 Corrado ML, 693
 Corson JM, 246
 Craswell PW, 33
 Craven DE, 53
 Crawford GE, 539
 Cryer PE, 165
 Cunningham-Rundles C, 385
 Cunningham-Rundles S, 385
 Cupo LN, 1051
 Cuspidi B, 352
- Daha MR, 17
 Dalley DN, 26
 D'Angelo A, 623
 Dargie HJ, 676
 Davies SF, 501
 Davis JP, 583
 Day M, 977
 de Benyacar MA, 557
- DeMaria A, 53
 Devenyi P, 589
 Devereux RB, 189
 DeVita VT, 552
 DeWood MA, 254
 Dexter DL, 949
 DiGiovanna JJ, 779
 Dikman SH, 1062
 Doroghazi RM, 603
 Douer D, 973
 Druzin M, 921
 Duquesnoy RJ, 945
 Durieux P, 736
 Dutt AK, 1
 Dykman TR, 165
- Eckman MR, 501
 Eddy JL, 210
 Engel H-J, 658
 Erlebacher JA, 799
 Espinoza LR, 181
 Evans WK, 751
 Evenson MK, 153
- Fabris A, 623
 Fagerstrom R, 595
 Faglia G, 352
 Fallo F, 352
 Fallon MD, 1041
 Fam AG, 320
 Fauci AS, 323, 517
 Fekety R, 815
 Fer MF, 704
 Ferguson RM, 345
 Ferraro N, 627
 Findling JW, 302
 Fine M, 615
 Fineberg HV, 991
 Fiorentini C, 221
 Fisher BD, 571
 Fisher FE, 302
 Fisher RI, 967
 Fitzgerald PA, 302
 Fligiel Z, 949
 Forsham PH, 302
 Fortner CL, 983
 Fortuin NJ, 799
 Fossieck BE Jr, 210
 Fouad FM, 422
 Fournasier V, 751
 Francke EL, 435
 Frayha RA, 307
 Freeman A, 615
 Freireich EJ, 341
 Fryd DS, 345
 Fudenberg HH, 485
 Furst DE, 38
- Gaffney A, 533
 Gale RP, 973
 Gallant LA, 773
 Ganz W, 254
 Garbincius J, 414
 Garcia-Morteo O, 557
 Geller N, 385
- Gephardt GN, 263
 Germain BF, 181
 Gerstenberger PD, 165
 Ghose MK, 174
 Gilbert HS, 595
 Gill JR Jr, 578
 Ginsberg H, 595
 Ginsburg CH, 891
 Godeau P, 736
 Goedert JJ, 323
 Gold JWM, 571
 Good RA, 385
 Goslin R, 246
 Graze PR, 973
 Graziani G, 623
 Greco FA, 704
 Greenberg RN, 841
 Gremillion DH, 539
 Grossman W, 75, 667
 Grosso LJ, 270
 Guazzi MD, 221
 Guerrero JR, 977
 Gullner H-G, 578
 Gurewicz Y, 773
 Gustafson TL, 759
 Gutman L, 59
- Hall K, 1059
 Hall PM, 263
 Hall R, 1059
 Hande KR, 704
 Hansen H, 107
 Harley RA, 485
 Harris L, 676
 Harvey AM, 13
 Haupt HM, 791
 Hauser MJ, 497
 Hayes AH Jr, 493
 Hebbel R, 935
 Henry AR, 174
 Hital A, 746
 Hillis LD, 443, 1009
 Hirsch PD, 1009
 Ho WG, 973
 Hochman MS, 169
 Hoffman D, 414
 Holman BL, 75
 Holmes KK, 395
 Houang ET, 928
 Hubbard RC, 358
 Hubbard SM, 552
 Huchon G, 736
 Huffer WE, 33
 Hugenoltz PG, 481
 Hurt G, 615
 Hutcheson RH Jr, 759
 Hutchins GM, 791, 1051
 Hutton SW, 957
 Hyslop NE Jr, 603
- Ibels LS, 33
 Idiculla A, 1035
 Incefy GS, 385
 Isturiz RE, 59
 Iwata T, 385

- Jaffe ES, 323
 Javaheri S, 228
 Jensen-Akula M, 967
 John JF Jr, 485
 Johnson GJ, 957
 Johnson SM, 443
 Johnston DG, 1059
 Joseph RR, 1035
 Jovanovic L, 921
- Kadesky M, 615
 Kaiser AB, 900
 Kang AH, 913
 Kapur BM, 589
 Katzmman JA, 999
 Kauffmann RH, 17
 Kaufman L, 759
 Kazemi H, 228
 Kendall-Taylor P, 1059
 Kiehn TE, 363
 Kligerman M, 254
 Koethe S, 945
 Kollisch N, 53
 Koziner B, 107
 Kravitz GR, 501
 Krikler DM, 676
 Krikler S, 676
 Kunin CM, 849
 Kyle RA, 999
- Laguens RP, 557
 Lambe DW Jr, 759
 Landesman SH, 693
 Lantigua R, 767
 Lawrence JB, 887
 Lee LA, 961
 Leiti GP, 799
 Lesch M, 887
 Leung F, 320
 Levi JA, 26
 Levinson ML, 908
 Lewis AC, 841
 Libby DM, 171
 Licata AA, 767
 Lichtenberg D, 53
 Lichtenstein KA, 161
 Lichtlen PR, 658
 Lin HJ, 313
 Lindenbaum J, 67
 Lockwood D, 767
 Loewenherz JW, 497
 Longo DL, 729
 Lookingbill DP, 493
 Lorell BH, 667
 Lovett IS, 928
 Lowenstein SR, 161
 Ludbrook PA, 683
 Luderer JR, 493
 Luedke SL, 1068
 Lynch JP III, 908
 Lynch PG, 676
- Maddrey WC, 733
 Madias NE, 456
 Magrina J, 431
- Mainardi CL, 913
 Malacoff R, 75
 Maldonado-Cocco JA, 557
 Malech HL, 59
 Mandard JC, 967
 Mandell GL, 903
 Mandressi A, 623
 Mantero F, 352
 Marcos JC, 557
 Marier RL, 841
 Marr JJ, 1068
 Marr JS, 199
 Marynick SP, 565
 Maschio G, 623
 Maseri A, 639
 Mason DT, 153
 Mathew PK, 746
 Mauritson DR, 443
 Mayer R, 246
 McCabe WR, 53
 McCarty DJ, 945
 McCue JD, 475
 McGhie J, 481
 McGregor A, 1059
 McKinney TD, 704
 McKusick VA, 1051
 McMahon JT, 263
 McPhee SJ, 1051
 Mehta J, 977
 Meimon KL, 100
 Meltzer RS, 481
 Meskauskas JA, 270
 Metcalf JF, 485
 Meunier-Carpentier F, 363
 Micetich KC, 967
 Miller TE, 334
 Minetti L, 623
 Mitchell MC, 733
 Montgomery EB Jr, 165
 Moore GW, 791
 Moore PM, 517
 Morales VH, 557
 Morley JE, 957
 Morozumi PA, 928
 Moruzzi P, 221
 Moss HA, 47
 Moulton P, 900
 Mueller HS, 645
 Muggia FM, 341
 Murphy WA, 1041
- Nachman RL, 331
 Nadol JB Jr, 603
 Najean Y, 543
 Nannis ED, 47
 Navarro-Lopez F, 431
 Needham KE, 153
 Neefe JR, 323
 Neidballa RG, 414
 Neu HC, 435
 Newman KA, 983
 Nightingale EO, 9
 North DK, 334
- O'Brien MJ, 246
 Oh SJ, 525
- Oken DE, 916
 Oken MM, 935
 Oldham RK, 704
 Olivari MT, 221
 Olson JL, 1051
 Opocher G, 352
 O'Reilly R, 385
 Orth DN, 855
 Osa SR, 298
 Osoba D, 320
- Pagano F, 623
 Pak CYC, 615
 Palitang EG, 1068
 Parent MK, 957
 Parmley WW, 140
 Pasculle AW, 836
 Paulus HE, 38
 Pepine CJ, 977
 Perri RT, 935
 Peters P, 615
 Peterson CM, 921
 Peterson PK, 345
 Peterson RE, 298
 Phelps DB, 161
 Phillips PL, 171
 Pier AC, 928
 Pierpont G, 235
 Pina I, 181
 Pinkhas J, 773
 Plouffe JF, 815
 Ponticelli C, 623
 Poplack DG, 47
 Ports TA, 140
 Posner LE, 210
 Posner MR, 407
 Powers WJ, 217
 Pyeritz RE, 784, 1051
- Quinn TC, 395
- Rahimtoola SH, 896
 Ray PK, 1035
 Reed C, 53
 Reinherz EL, 511
 Reisman D, 615
 Reller LB, 161
 Reynolds RC, 196
 Rhoads JE Jr, 1035
 Richardson RL, 704
 Richman A, 181
 Rifkin GD, 815
 Rifkin SI, 181
 Rivlin RS, 337
 Robbins FC, 9
 Roberts N, 38
 Roberts RB, 298
 Roberts WC, 371
 Robinson GM, 589
 Robinson RA, 999
 Rocco F, 623
 Rocklin RE, 100
 Roelandt J, 481
 Roig E, 431
 Roncari DAK, 589
- Root RK, 59
 Rosen FS, 511
 Rosenkranz RP, 100
 Ross WM, 1059
 Rothschild BM, 427
 Rouleau J-L, 147
 Rubin SA, 140
 Rubinstein DB, 729
 Rund DG, 67
- Safai B, 779
 Sakhaee K, 615
 Salen G, 313
 Sampieri L, 352
 Sande MA, 507
 Sanders CV, 841
 Santos AD, 746
 Sanz G, 431
 Sarna GP, 973
 Sarosi GA, 501
 Sayvitz TA, 759
 Schaaf M, 184
 Schafer FJ, 836
 Schaffner W, 759
 Schilsky RL, 552
 Schimpff SC, 983
 Schlech WF III, 900
 Schoen RT, 5
 Schoolwerth AC, 493
 Schuffler MD, 395
 Schutte JE, 533
 Sebes JL, 427
 Segar WE, 583
 Seligman SJ, 941
 Serruys PW, 481
 Shah AA, 896
 Shah PM, 693
 Shell WE, 254
 Shen K, 53
 Sherins RJ, 552
 Shim C, 452
 Shoenfeld Y, 773
 Siegal FP, 1062
 Sierra MF, 199
 Silva J Jr, 815
 Silvis SE, 957
 Simmons RL, 345
 Sinicrope RA, 493
 Skarin AT, 407
 Smallridge RC, 184
 Smith FS, 323
 Smith MC, 174
 Smithwick E, 385
 Sobel BE, 635, 683
 Splann F, 615
 Spremulli EN, 949
 Sprung CL, 497
 Stahl NI, 323
 Standiford HC, 983
 Stead WW, 1
 Steele G, 246
 Stevens DA, 928
 Stratton CW, 161
 Sturgill BC, 423
 Sunwoo IN, 525
 Suratt PM, 823
 Sutherland GE, 1068

AUTHOR INDEX

Swami VK, 1035
Swan HJC, 254
Swanson JO, 235

Taasan VC, 240
Tan EM, 945
Tarazi RC, 422
Tasca A, 623
Tashkin D, 38
Tauber AI, 891
Teitelbaum SL, 1041
Tessitore N, 623
Thatcher JG, 565
Thompson J, 17
Thorne JC, 751
Tiefenbrunn AJ, 683
Trentham DE, 5
Trier JS, 891
Trinchieri A, 623
Tse T-F, 313

Tse-Eng D, 67
Tubbs RR, 263
Turi Z, 667
Tway KP, 896
Tyrrell JB, 302

Valentijn RM, 17
Valenzuela R, 263
Van Es LA, 17
Van Herle AJ, 806
VanVoorhees A, 949
Vasey FB, 181
Vidt DG, 263
Vogel R, 949

Wade JC, 983
Wallace W, 887
Wallace WA, 746
Waller BF, 371

Wang C, 313
Warnica JW, 147
Wechsler B, 736
Weeks R, 759
Wees SJ, 525
Weidmann P, 829
Weil R III, 33
Weinbaum DL, 903
Weinstein MC, 991
Weiss JL, 799
Weksler BB, 331
Wells JH, 973
Wesley MN, 552
Whyte MP, 1041
Wiener SL, 759
Wiernik PH, 983
Wilfert CM, 59
Willerson JT, 443
1009
Williams GH, 89
William MH Jr, 452

Williams RC Jr, 743
Wilson GB, 485
Wilson JR, 627
Wilson R, 246
Wilson RE, 565
Wing EJ, 836
Woodward W, 443
Woolf PD, 961
Wormser GP, 358
Wray HL, 184
Wynne J, 75
Wynne JW, 240

Young RC, 552
Yu B, 571

Zamcheck N, 246
Zeiger HE, 165
Zvavtler NJ, 945

SUBJECT INDEX—VOLUME 71

E = Editorial; CPC = Clinicopathologic Conference; MSS = Medicine, Science and Society; CCBSS = Combined Clinical and Basic Science Seminars

Abscess

- Anterior chest wall abscess in a 29 year old woman (CPC), 719
- Pyomyositis: tropical disease in a temperate climate, 900

Academe

- Pharmaceutical industry and academe: partners in progress, 81

Acid-base disturbances

- Changes in plasma potassium concentration during acute acid-base disturbances, 456

Acidosis

- Changes in plasma potassium concentration during acute acid-base disturbances, 456

ACTH

- Pituitary ACTH dependency of nodular adrenal hyperplasia in Cushing's syndrome, 302

Acute lymphocytic leukemia

- Effects of prophylactic treatment of the central nervous system on the intellectual functioning of children with acute lymphocytic leukemia, 47

Acute renal failure

- On the differential diagnosis of acute renal failure (E), 916

Addison's disease

- Recovery of adrenal reserve following treatment of disseminated South American blastomycosis, 298

Adenoma

- Abnormal calcium-regulated PTH release in normal parathyroid tissue from patients with adenoma, 565
- Bromocriptine therapy for "nonfunctioning" pituitary tumors, 1059

Adenovirus 11

- Fatal disseminated adenovirus 11 pneumonia in an agammaglobulinemic patient, 1062

Adrenal adenoma

- Clinical and laboratory findings and results of therapy in 58 patients with adenocortical tumors admitted to a single medical center (1951 to 1978), 855

Adrenal hyperplasia

- Pituitary ACTH dependency of nodular adrenal hyperplasia in Cushing's syndrome, 302

Adrenal nodules

- Pituitary ACTH dependency of nodular adrenal hyperplasia in Cushing's syndrome, 302

Adrenergic agonist

- Comparison of oral aminophylline and aerosol metaproterenol in asthma, 452

Adrenocortical insufficiency

- Recovery of adrenal reserve following treatment of disseminated South American blastomycosis, 298

Adrenocortical tumor

- Clinical and laboratory findings and results of therapy in 58 patients with adenocortical tumors admitted to a single medical center (1951 to 1978), 855

Agammaglobulinemia

- Fatal disseminated adenovirus 11 pneumonia in an agammaglobulinemic patient, 1062

Aging

- Nutrition and aging: some unanswered questions (E), 337

Agnogenic myeloid metaplasia

- Characterization of hypocholesterolemia in myeloproliferative disease, 595

Alcohol

- Alcohol increases sleep apnea and oxygen desaturation in asymptomatic men, 240
- Alcoholism: blocks to diagnosis and treatment, 275
- High-density lipoprotein cholesterol in male alcoholics with and without severe liver disease, 589

Alcoholism

- Alcoholism: blocks to diagnosis and treatment, 275
- High-density lipoprotein cholesterol in male alcoholics with and without severe liver disease, 589

Aldosterone

- Correction of hypokalemia by magnesium repletion in familial hypokalemic alkalosis with tubulopathy, 578

Alkalosis

- Changes in plasma potassium concentration during acute acid-base disturbances, 456
- Correction of hypokalemia by magnesium repletion in familial hypokalemic alkalosis with tubulopathy, 578

Allopurinol

- Is selective therapy of recurrent nephrolithiasis possible? 615
- Prevention of calcium nephrolithiasis with low-dose thiazide, amiloride and allopurinol, 623

Alpha-fluoroprednisolone

- Mineralocorticoid hypertension due to a nasal spray containing 9 α -fluoroprednisolone, 352

Amenorrhea

- Long-term follow-up of ovarian function in women treated with MOPP chemotherapy for Hodgkin's disease, 552

Amikacin

- Mycobacterium fortuitum pulmonary infection associated with an antigen-selective defect in cellular immunity, 485
- Piperacillin or ticarcillin plus amikacin, 963

Amiloride

- Prevention of calcium nephrolithiasis with low-dose thiazide, amiloride and allopurinol, 623

Aminoglycosides

- Large outbreak of infections caused by a strain of Staphylococcus aureus resistant to oxacillin and aminoglycosides, 53

Aminophylline

- Comparison of oral aminophylline and aerosol metaproterenol in asthma, 452

Amphotericin B

- Chronic blastomycotic meningitis, 501
- Granulomatous tenosynovitis and carpal tunnel syndrome caused by Sporothrix schenckii, 161
- Invasive aspergillosis, 571
- Invasive aspergillosis of the lung and pericardium in a nonimmunocompromised 33 year old man, 903
- Recovery of adrenal reserve following treatment of disseminated South American blastomycosis, 298

Ampicillin

- Listeria and gram-negative bacillary meningitis in New York City, 1972-1979, 199

Androgens

- Long-term follow-up in patients with aplastic anemia, 543

Anemia

- Long-term follow-up in patients with aplastic anemia, 543
- Renal failure, dyspnea and anemia in a 57 year old woman (CPC), 876
- Specific immunoadsorption of IgG antibody in a patient with chronic lymphocytic leukemia and autoimmune hemolytic anemia, 1035
- Thrombocytopenia and splenomegaly in a 59 year old man (CPC), 124

Aneurysm

- Clinical recognition of giant left ventricular aneurysm, 799
- Ehlers-Danlos syndrome with abnormal collagen fibrils, sinus of Valsalva aneurysms, myocardial infarction, pancreatic emphysema and cerebral heterotopias, 1051
- Multiple pulmonary arterial aneurysms in Behcet's disease and Hughes-Stovin syndrome, 736
- Syphilitic aortic aneurysm presenting with the superior vena cava syndrome, 171

Angina pectoris

- Beneficial enhancement of coronary blood flow by nifedipine, 658
- Disabling angina pectoris with normal coronary arteries in patients undergoing long-term hemodialysis, 431

(Continued on next page)

Angina pectoris (cont'd)

- Double-blind, randomized, placebo-controlled comparison of propranolol and verapamil in the treatment of patients with stable angina pectoris, 443
- Influence of nifedipine on left ventricular systolic and diastolic function, 683
- Influence of nifedipine on left ventricular systolic and diastolic function, 683
- Interim report of multicenter double-blind, placebo-controlled studies of nifedipine in chronic stable angina, 645
- Introduction to Symposium on Nifedipine in Angina Pectoris, 635
- Modification of left ventricular response to pacing tachycardia by nifedipine in patients with coronary artery disease, 667
- New rationale for the clinical approach to the patient with angina pectoris, 639
- Nifedipine and propranolol: a beneficial drug interaction, 676
- Short-term efficacy of oral verapamil in rest angina, 977

Angiotensin II

- Exaggerated pressor responsiveness to norepinephrine in nonazotemic diabetes mellitus, 829

Anorectal infection

- Etiology of anorectal infections in homosexual men, 395

Antenatal care

- Effect of euglycemia on the outcome of pregnancy in insulin-dependent diabetic women as compared with normal control subjects, 921

Anthropometry

- Distinctive anthropometric characteristics of women with mitral valve prolapse, 533

Antibiotics

- Clinical infections, antibiotics and immunosuppression: a puzzling relationship (E), 334
- Reduction in antibiotic costs by restricting use of an oral cephalosporin, 941

Antibiotic therapy

- Antibiotic therapy of bacterial meningitis: lessons we've learned (E), 507
- Invasive external otitis, 603
- Past and current roles for cephalosporin antibiotics in treatment of meningitis, 693
- Piperacillin or ticarcillin plus amikacin, 983
- Single-dose cefaclor therapy of urinary tract infection, 841
- Sterilization of Ommaya reservoir by instillation of vancomycin, 1068
- Use of cefotaxime, a β -lactamase stable cephalosporin, in the therapy of serious infections, including those due to multiresistant organisms, 435

Antibody-coated bacteria

- Single-dose cefaclor therapy of urinary tract infection, 841

Anticancer drug development

- Anticancer drug development and federal regulation: protection against progress? (MSS), 341

Antifungal therapy

- Oral clotrimazole in the treatment of esophageal candidiasis, 891

Antigenemia

- Fungemia in the immunocompromised host, 363

Antigen selectivity

- Mycobacterium fortuitum pulmonary infection associated with an antigen-selective defect in cellular immunity, 485

Antimicrobial therapy

- Clinical infections, antibiotics and immunosuppression: a puzzling relationship (E), 334

Antinuclear antibodies

- Serologic studies in a family with heterozygous C2 deficiency, 945

Anxiety

- Long-term follow-up of the primary hyperkinetic heart syndrome, 221

Aortic aneurysm

- Syphilitic aortic aneurysm presenting with the superior vena cava syndrome, 171

Aortic dissection

- Maternal and fetal complications of pregnancy in the Marfan syndrome, 784

Apatite

- Idiopathic familial chondrocalcinosis due to apatite crystal deposition, 557

Aplastic anemia

- Long-term follow-up in patients with aplastic anemia, 543

Apnea

- Alcohol increases sleep apnea and oxygen desaturation in asymptomatic men, 240

Applied science

- Pharmaceutical industry and academe: partners in progress, 81

Arrhythmia

- Relationship of arrhythmias and conduction disturbances to other manifestations of cardiopulmonary disease in progressive systemic sclerosis (PSS), 38

Arthritis

- Calcaneal abnormalities and erosive bone disease associated with sickle cell anemia, 427
- Idiopathic familial chondrocalcinosis due to apatite crystal deposition, 557

Aspergillosis

- Invasive aspergillosis, 571
- Invasive aspergillosis of the lung and pericardium in a nonimmunocompromised 33 year old man, 903

Asthma

- Comparison of oral aminophylline and aerosol metaproterenol in asthma, 452

Atheroembolism

- Progressive renal failure with hematuria in a 62 year old man (CPC), 468

Atherosclerosis

- Effect of chronic hypercalcemia on the heart, 371
- Platelets and atherosclerosis (E), 331
- Prostaglandins and ischemic heart disease, 1009

- Serum high-density lipoprotein cholesterol correlates with presence but not severity of coronary artery disease, 235

Aub, Joseph Charles

- Joseph Charles Aub: applying the tools of the basic sciences to clinical investigation (MSS), 13

Autacoids

- Autacoids as modulators of the inflammatory and immune response, 100

Autoimmune hemolytic anemia

- Specific immunoadsorption of IgG antibody in a patient with chronic lymphocytic leukemia and autoimmune hemolytic anemia, 1035

Autosomal dominant inheritance

- Distinctive anthropometric characteristics of women with mitral valve prolapse, 533

- Familial thyroid hormone resistance, 414

Avascular necrosis

- Avascular necrosis of bone complicating treatment of malignant lymphoma, 751

Bacillary meningitis

- Past and current roles for cephalosporin antibiotics in treatment of meningitis, 693

Bacteremia

- Use of cefotaxime, a β -lactamase stable cephalosporin, in the therapy of serious infections, including those due to multiresistant organisms, 435

Bacterial infection

- Invasive external otitis, 603
- Past and current roles for cephalosporin antibiotics in treatment of meningitis, 693
- Pyomyositis: tropical disease in a temperate climate, 900
- Sterilization of Ommaya reservoir by instillation of vancomycin, 1068

Bacterial meningitis

- Antibiotic therapy of bacterial meningitis: lessons we've learned (E), 507
- Cerebrospinal fluid to serum glucose ratios in diabetes mellitus and bacterial meningitis, 217
- Listeria and gram-negative bacillary meningitis in New York City, 1972-1979, 199

Bacterial superinfection

- Measles pneumonia in young adults, 539

Basic science

- Joseph Charles Aub: applying the tools of the basic sciences to clinical investigation (MSS), 13
- Pharmaceutical industry and academe: partners in progress, 81

Behcet's disease

- Multiple pulmonary arterial aneurysms in Behcet's disease and Hughes-Stovin syndrome, 736

Beta-adrenergic receptors

- Autacoids as modulators of the inflammatory and immune response, 100

Beta-blocking agents

- Beneficial enhancement of coronary blood flow by nifedipine, 658

Beta-lactams

Past and current roles for cephalosporin antibiotics in treatment of meningitis, 693

Use of cefotaxime, a β -lactamase stable cephalosporin, in the therapy of serious infections, including those due to multiresistant organisms, 435

Beta-sitosterolemia

Unique patient with coexisting cerebrotendinous xanthomatosis and β -sitosterolemia, 313

Biclonal gammopathy

The clinical aspects of biclonal gammopathies, 999

Bioavailability

Urinary excretion of reduced metabolites of digoxin, 67

Blastomycosis

Chronic blastomycotic meningitis, 501

Blastomycotic meningitis

Chronic blastomycotic meningitis, 501

Blood acidity

Changes in plasma potassium concentration during acute acid-base disturbances, 456

Board certification

Performance of U.S. citizen-foreign medical graduates on certifying examinations in internal medicine, 270

Bone disease

Axial osteomalacia, 1041
Calcaneal abnormalities and erosive bone disease associated with sickle cell anemia, 427

Bone marrow

High-dose combined-modality therapy and autologous bone marrow transplantation in resistant cancer, 973

Bone marrow transplantation

High-dose combined-modality therapy and autologous bone marrow transplantation in resistant cancer, 973
Long-term follow-up in patients with aplastic anemia, 543

Bone necrosis

Avascular necrosis of bone complicating treatment of malignant lymphoma, 751

Bradycardia

Glossopharyngeal neuralgia with syncope secondary to tumor, 165

Breathing

Alcohol increases sleep apnea and oxygen desaturation in asymptomatic men, 240
Pattern of breathing and carbon dioxide retention in chronic obstructive lung disease, 228

Bromocriptine

Bromocriptine therapy for "nonfunctioning" pituitary tumors, 1059

Bronchodilator

Comparison of oral aminophylline and aerosol metaproterenol in asthma, 452

Calcaneus

Calcaneal abnormalities and erosive bone disease associated with sickle cell anemia, 427

Calcification

Calcification in end-stage kidneys, 33

Calcific deposits

Effect of chronic hypercalcemia on the heart, 371

Calcium

Adverse effects of liquid protein fast on the handling of magnesium, calcium and phosphorus, 767

Calcium antagonists

Beneficial enhancement of coronary blood flow by nifedipine, 658
Influence of nifedipine on left ventricular systolic and diastolic function, 683
Interim report of multicenter double-blind, placebo-controlled studies of nifedipine in chronic stable angina, 645
Introduction to Symposium on Nifedipine in Angina Pectoris, 635
Modification of left ventricular response to pacing tachycardia by nifedipine in patients with coronary artery disease, 667

New rationale for the clinical approach to the patient with angina pectoris, 639

Nifedipine and propranolol: a beneficial drug interaction, 676

Calcium nephrolithiasis

Prevention of calcium nephrolithiasis with low-dose thiazide, amiloride and allopurinol, 623

Calcium-regulated PTH release

Abnormal calcium-regulated PTH release in normal parathyroid tissue from patients with adenoma, 565

Cancer

Anticancer drug development and federal regulation: protection against progress? (MSS), 341

Avascular necrosis of bone complicating treatment of malignant lymphoma, 751

Cancer and the kidney: renal complications of neoplasms, 704

Clinical and laboratory findings and results of therapy in 58 patients with adenocortical tumors admitted to a single medical center (1951 to 1978), 855

Correlation of plasma CEA and CEA tissue staining in poorly differentiated colorectal cancer, 246

Fungemia in the immunocompromised host, 363

Heterogeneity of cancer cells from a single human colon carcinoma, 949

High-dose combined-modality therapy and autologous bone marrow transplantation in resistant cancer, 973

Hypocalcemia with osteoblastic metastases in a patient with prostate carcinoma, 184

Long-term follow-up of ovarian function in women treated with MOPP chemotherapy for Hodgkin's disease, 552

Nephrotoxicity of semustine (methyl-CCNU) in patients with malignant melanoma receiving adjuvant chemotherapy, 967

Pericardial disease in patients with cancer, 407

Peripheral destruction of platelets in

chronic lymphocytic leukemia: recognition, prognosis and therapeutic implications, 729

Piperacillin or ticarcillin plus amikacin, 983

Septicemic complications of the cutaneous T-cell lymphomas, 210

The comparative value of serum thyroglobulin measurements and iodine 131 total body scans in the follow-up study of patients with treated differentiated thyroid cancer, 806

Cancer research

Joseph Charles Aub: applying the tools of the basic sciences to clinical investigation (MSS), 13

Candida

Fungemia in the immunocompromised host, 363

Oral clotrimazole in the treatment of esophageal candidiasis, 891

Candidiasis

Oral clotrimazole in the treatment of esophageal candidiasis, 891

Capillary permeability

Evidence for increased permeability in reexpansion pulmonary edema, 497

Captopril

Acute renal failure, hemolytic anemia and skin rash associated with captopril therapy, 493

Cardiovascular reflexes during long-term converting enzyme inhibition and sodium depletion, 422

Carbamazepine

Granulomatous hepatitis associated with carbamazepine therapy, 733

Carbon dioxide

Pattern of breathing and carbon dioxide retention in chronic obstructive lung disease, 228

Carcinoembryonic antigen

Correlation of plasma CEA and CEA tissue staining in poorly differentiated colorectal cancer, 246

Carcinoma

Heterogeneity of cancer cells from a single human colon carcinoma, 949

Hypocalcemia with osteoblastic metastases in a patient with prostate carcinoma, 184

Cardiac calcific deposits

Effect of chronic hypercalcemia on the heart, 371

Cardiac catheterization

Cardiac catheterization under echocardiographic control in a pregnant woman, 481

Cardiac output

Circulatory improvement after hydralazine or isosorbide dinitrate administration in patients with heart failure, 627

Cardiac overactivity

Long-term follow-up of the primary hyperkinetic heart syndrome, 221

Cardiopulmonary disease

Relationship of arrhythmias and conduction disturbances to other manifestations of cardiopulmonary disease in progressive systemic sclerosis (PSS), 38

- Cardiovascular reflexes**
Cardiovascular reflexes during long-term converting enzyme inhibition and sodium depletion, 422
- Carpal tunnel syndrome**
Granulomatous tenosynovitis and carpal tunnel syndrome caused by *Sporothrix schenckii*, 161
- Catecholamines**
Glossopharyngeal neuralgia with syncope secondary to tumor, 165
- C2 deficiency**
Serologic studies in a family with heterozygous C2 deficiency, 945
- CEA**
Correlation of plasma CEA and CEA tissue staining in poorly differentiated colorectal cancer, 246
- Cefaclor**
Single-dose cefaclor therapy of urinary tract infection, 841
- Cefotaxime**
Use of cefotaxime, a β -lactamase stable cephalosporin, in the therapy of serious infections, including those due to multiresistant organisms, 435
- Cell markers**
Marker and kinetic studies in the non-Hodgkin's lymphomas (CCBSS), 107
- Cell populations**
Heterogeneity of cancer cells from a single human colon carcinoma, 949
- Cellular immunity**
Mycobacterium fortuitum pulmonary infection associated with an antigen-selective defect in cellular immunity, 485
- Central nervous system**
Effects of prophylactic treatment of the central nervous system on the intellectual functioning of children with acute lymphocytic leukemia, 47
Invasive external otitis, 603
Neurologic manifestations of systemic vasculitis, 517
- Cephalosporins**
Past and current roles for cephalosporin antibiotics in treatment of meningitis, 693
Reduction in antibiotic costs by restricting use of an oral cephalosporin, 941
Use of cefotaxime, a β -lactamase stable cephalosporin, in the therapy of serious infections, including those due to multiresistant organisms, 435
- Cerebral heterotopia**
Ehlers-Danlos syndrome with abnormal collagen fibrils, sinus of Valsalva aneurysms, myocardial infarction, panacinar emphysema and cerebral heterotopias, 1051
- Cerebrospinal fluid**
Cerebrospinal fluid to serum glucose ratios in diabetes mellitus and bacterial meningitis, 217
- Cerebrotendinous xanthomatosis**
Unique patient with coexisting cerebrotendinous xanthomatosis and β -sitosterolemia, 313
- Certifying examinations**
Performance of U.S. citizen-foreign medical graduates on certifying examinations in internal medicine, 270
- Charity**
Loss of charity in the practice of medicine (MSS), 196
- Chemotherapy**
High-dose combined-modality therapy and autologous bone marrow transplantation in resistant cancer, 973
Influence of treatment and response status on infection risk in multiple myeloma, 935
Long-term follow-up of ovarian function in women treated with MOPP chemotherapy for Hodgkin's disease, 552
Nephrotoxicity of semustine (methyl-CCNU) in patients with malignant melanoma receiving adjuvant chemotherapy, 967
- Chest wall**
Anterior chest wall abscess in a 29 year old woman (CPC), 719
- Cholestanol**
Unique patient with coexisting cerebrotendinous xanthomatosis and β -sitosterolemia, 313
- Cholesterol**
Characterization of hypocholesterolemia in myeloproliferative disease, 595
High-density lipoprotein cholesterol in male alcoholics with and without severe liver disease, 589
Serum high-density lipoprotein cholesterol correlates with presence but not severity of coronary artery disease, 235
- Cholesterol embolization**
Clinical spectrum of renal cholesterol embolization, 174
- Chondrocalcinosis**
Idiopathic familial chondrocalcinosis due to apatite crystal deposition, 557
- Chromophobe adenoma**
Bromocriptine therapy for "nonfunctioning" pituitary tumors, 1059
- Chronic granulomatous disease**
Fungal infection in chronic granulomatous disease, 59
- Chronic lymphocytic leukemia**
Peripheral destruction of platelets in chronic lymphocytic leukemia: recognition, prognosis and therapeutic implications, 729
Specific immunoadsorption of IgG antibody in a patient with chronic lymphocytic leukemia and autoimmune hemolytic anemia, 1035
- Chronic obstructive lung disease**
Pattern of breathing and carbon dioxide retention in chronic obstructive lung disease, 228
- Chronic renal failure**
Disabling angina pectoris with normal coronary arteries in patients undergoing long-term hemodialysis, 431
- Chrysotherapy**
Reversal of progressive, life-threatening gold hypersensitivity pneumonitis by corticosteroids, 908
- Circulating immune complexes**
Clinical implications and the pathogenetic significance of circulating immune complexes in infective endocarditis, 17
- Circulating thymic hormone**
Circulating thymic hormone activity in patients with primary and secondary immunodeficiency diseases, 385
- Circulatory function**
Circulatory improvement after hydralazine or isosorbide dinitrate administration in patients with heart failure, 627
- Cirrhosis**
Peritonitis in cirrhotic patients with LeVeen shunts, 358
- Cirrhosis, cryptogenic**
Thrombocytopenia and splenomegaly in a 59 year old man (CPC), 124
- CK-MB activity**
Early appearance of MB-creatine kinase activity in nontransmural myocardial infarction detected by a sensitive assay for the isoenzyme, 254
- Clinical investigation**
Joseph Charles Aub: applying the tools of the basic sciences to clinical investigation (MSS), 13
- Clinicopathologic Conferences**
Anterior chest wall abscess in a 29 year old woman, 719
Headaches, impaired mentation, diabetes insipidus and exophthalmos in a 50 year old man, 1027
Progressive renal failure with hematuria in a 62 year old man, 468
Renal failure, dyspnea and anemia in a 57 year old woman, 876
Renal mass in a man with Von-Hippel Lindau disease, 287
Thrombocytopenia and splenomegaly in a 59 year old man, 124
- Clostridium difficile**
Treatment of *Clostridium difficile* colitis and diarrhea with vancomycin, 815
- Clotrimazole**
Oral clotrimazole in the treatment of esophageal candidiasis, 891
- Cluster headache**
Chronic paroxysmal hemicrania, 169
- Colitis**
Treatment of *Clostridium difficile* colitis and diarrhea with vancomycin, 815
- Collagen**
Ehlers-Danlos syndrome with abnormal collagen fibrils, sinus of Valsalva aneurysms, myocardial infarction, panacinar emphysema and cerebral heterotopias, 1051
- Collagen disease**
Collagen disease: a new perspective (E), 913
- Colloid osmotic pressure**
Evidence for increased permeability in reexpansion pulmonary edema, 497
- Colon cancer**
Heterogeneity of cancer cells from a single human colon carcinoma, 949

Colorectal cancer

Correlation of plasma CEA and CEA tissue staining in poorly differentiated colorectal cancer, 246

Combined Clinical and Basic Science Seminars

Marker and kinetic studies in the non-Hodgkin's lymphomas, 107

Conduction disturbance

Relationship of arrhythmias and conduction disturbances to other manifestations of cardiopulmonary disease in progressive systemic sclerosis (PSS), 38

Congestive heart failure

Improved right ventricular function and reduced pulmonary vascular resistance during prazosin therapy of congestive heart failure, 75

Influence of oral prazosin therapy on exercise hemodynamics in patients with severe chronic heart failure, 140
Introduction to Symposium on Congestive Heart Failure, 131

Mechanisms and implications of vasodilator tolerance in the treatment of congestive heart failure, 89

Physiologic basis of vasodilator therapy for heart failure, 135

Prazosin and congestive heart failure: short- and long-term therapy, 147

Therapeutic application of prazosin in chronic refractory congestive heart failure, 153

Contractility

Long-term follow-up of the primary hyperkinetic heart syndrome, 221

Converting enzyme inhibition

Cardiovascular reflexes during long-term converting enzyme inhibition and sodium depletion, 422

Converting enzyme inhibitor

Acute renal failure, hemolytic anemia and skin rash associated with captopril therapy, 493

Coombs' test

Acute renal failure, hemolytic anemia and skin rash associated with captopril therapy, 493

Coronary angiography

Disabling angina pectoris with normal coronary arteries in patients undergoing long-term hemodialysis, 431

Coronary artery disease

Modification of left ventricular response to pacing tachycardia by nifedipine in patients with coronary artery disease, 667

Serum high-density lipoprotein cholesterol correlates with presence but not severity of coronary artery disease, 235

Coronary blood flow

Beneficial enhancement of coronary blood flow by nifedipine, 658

Cortical defect

Calcaneal abnormalities and erosive bone disease associated with sickle cell anemia, 427

Corticosteroids

Avascular necrosis of bone complicating treatment of malignant lymphoma, 751

Kaposi's sarcoma complicating corticosteroid therapy for temporal arteritis, 320

Neurologic manifestations of systemic vasculitis, 517

Prednisone-induced leukocytosis, 773

Reversal of progressive, life-threatening gold hypersensitivity pneumonitis by corticosteroids, 908

Costs

Reduction in antibiotic costs by restricting use of an oral cephalosporin, 941

Counseling

Alcoholism: blocks to diagnosis and treatment, 275

C-reactive protein

Single-dose cefaclor therapy of urinary tract infection, 841

Cushing's syndrome

Pituitary ACTH dependency of nodular adrenal hyperplasia in Cushing's syndrome, 302

Cutaneous T-cell lymphomas

Septicemic complications of the cutaneous T-cell lymphomas, 210

Cyclophosphamide

Neurologic manifestations of systemic vasculitis, 517

Cytokinetics

Marker and kinetic studies in the non-Hodgkin's lymphomas (CCBS), 107

Cytomegalovirus

Fever in renal transplant recipients: causes, prognostic significance and changing patterns at the University of Minnesota Hospital, 345

Decision analysis

When doctors meet numbers, 991

Diabetes insipidus

Headaches, impaired mentation, diabetes insipidus and exophthalmos in a 50 year old man (CPC), 1027

Diabetes mellitus

Cerebrospinal fluid to serum glucose ratios in diabetes mellitus and bacterial meningitis, 217

Effect of euglycemia on the outcome of pregnancy in insulin-dependent diabetic women as compared with normal control subjects, 921

Exaggerated pressor responsiveness to norepinephrine in nonazotemic diabetes mellitus, 829

Invasive external otitis, 603

Diagnosis

On the differential diagnosis of acute renal failure (E), 916

Diarrhea

Treatment of *Clostridium difficile* colitis and diarrhea with vancomycin, 815

Diet

Fiber and the gut (E), 193

Nutrition and aging: some unanswered questions (E), 337

Digoxin

Urinary excretion of reduced metabolites of digoxin, 67

Dihydrodigoxin

Urinary excretion of reduced metabolites of digoxin, 67

Disk calcification

Idiopathic familial chondrocalcinosis due to apatite crystal deposition, 557

Dopamine

Abnormal prolactin responsivity to dopaminergic suppression in hyperprolactinemic patients, 961

Dopamine agonist

Bromocriptine therapy for "nonfunctioning" pituitary tumors, 1059

Drug-induced lupus

Drug-induced lupus: an adjuvant disease? (E), 5

Drug interaction

Nifedipine and propranolol: a beneficial drug interaction, 676

Drug research

Anticancer drug development and federal regulation: protection against progress? (MSS), 341

Drug resistance

Mycobacterium fortuitum pulmonary infection associated with an antigen-selective defect in cellular immunity, 485

Dysautonomia

Orthostatic hypotension: a commonly unrecognized cause of symptoms in mitral valve prolapse, 746

Dyspnea

Renal failure, dyspnea and anemia in a 57 year old woman (CPC), 876

Echocardiography

Cardiac catheterization under echocardiographic control in a pregnant woman, 481

Clinical recognition of giant left ventricular aneurysm, 799

Multiple biatrial myxomas demonstrated by two-dimensional echocardiography, 896

Edema

Evidence for increased permeability in reexpansion pulmonary edema, 497

Editorials

Antibiotic therapy of bacterial meningitis: lessons we've learned, 507

Clinical infections, antibiotics and immunosuppression: a puzzling relationship, 334

Collagen disease: a new perspective, 913

Doctors abroad and at home: American medical education in 1981, 189

Drug-induced lupus: an adjuvant disease? 5

Fiber and the gut, 193

Immune complexes: a clinical perspective, 743

New concepts of immunodeficiency, 511

Nutrition and aging: some unanswered questions, 337

On the differential diagnosis of acute renal failure, 916

Platelets and atherosclerosis, 331
What's new in tuberculosis? 1

Education

- Doctors abroad and at home: American medical education in 1981 (E), 189
- Performance of U.S. citizen-foreign medical graduates on certifying examinations in internal medicine, 270
- Training internists: insights from private practice, 475
- When doctors meet numbers, 991

Ehlers-Danlos syndrome

- Ehlers-Danlos syndrome with abnormal collagen fibrils, sinus of Valsalva aneurysms, myocardial infarction, panacinar emphysema and cerebral heterotopias, 1051

Elderly

- Nutrition and aging: some unanswered questions (E), 337

Emphysema

- Ehlers-Danlos syndrome with abnormal collagen fibrils, sinus of Valsalva aneurysms, myocardial infarction, panacinar emphysema and cerebral heterotopias, 1051

Endocarditis, infective

- Clinical implications and the pathogenetic significance of circulating immune complexes in infective endocarditis, 17

End-stage kidneys

- Calcification in end-stage kidneys, 33

Enteric organisms

- Etiology of anorectal infections in homosexual men, 395
- Listeria and gram-negative bacillary meningitis in New York City, 1972-1979, 199

Eosinophilia

- Acute renal failure, hemolytic anemia and skin rash associated with captopril therapy, 493

Eosinophilic granuloma

- Headaches, impaired mentation, diabetes insipidus and exophthalmosis in a 50 year old man (CPC), 1027

Epidemiology

- Laboratory evaluation of an outbreak of nocardiosis in immunocompromised hosts, 928
- Outbreak of acute pulmonary histoplasmosis in members of a wagon train, 759

Erosive bone disease

- Calcaneal abnormalities and erosive bone disease associated with sickle cell anemia, 427

Erythromycin

- Successful treatment of Legionella micdadei (Pittsburgh pneumonia agent) pneumonia with erythromycin, 836

Esophagitis

- Oral clotrimazole in the treatment of esophageal candidiasis, 891

Ethnicity

- Kaposi's sarcoma, 779

Euglycemia

- Effect of euglycemia on the outcome of pregnancy in insulin-dependent diabetic women as compared with normal control subjects, 921

Exercise

- Circulatory improvement after hydralazine or isosorbide dinitrate administration in patients with heart failure, 627
- Influence of oral prazosin therapy on exercise hemodynamics in patients with severe chronic heart failure, 140

Exophthalmosis

- Headaches, impaired mentation, diabetes insipidus and exophthalmosis in a 50 year old man (CPC), 1027

Factitious hyperthyroidism

- Sudden death associated with thyroid hormone abuse, 887

Familial occurrence

- Axial osteomalacia, 1041
- Distinctive anthropometric characteristics of women with mitral valve prolapse, 533
- Familial thyroid hormone resistance, 414
- Kaposi's sarcoma, 779
- Serologic studies in a family with heterozygous C2 deficiency, 945

FDA

- Anticancer drug development and federal regulation: protection against progress? (MSS), 341

Federal regulation

- Anticancer drug development and federal regulation: protection against progress? (MSS), 341

Fever

- Fever in renal transplant recipients: causes, prognostic significance and changing patterns at the University of Minnesota Hospital, 345
- Piperacillin or ticarcillin plus amikacin, 983

Fiber

- Fiber and the gut (E), 193

9 α -fluoroprednisolone

- Mineralocorticoid hypertension due to a nasal spray containing 9 α -fluoroprednisolone, 352

Food and Drug Administration

- Anticancer drug development and federal regulation: protection against progress? (MSS), 341

Foreign graduates

- Doctors abroad and at home: American medical education in 1981 (E), 189
- Performance of U.S. citizen-foreign medical graduates on certifying examinations in internal medicine, 270

FTS levels

- Circulating thymic hormone activity in patients with primary and secondary immunodeficiency diseases, 385

Fungal infection

- Fungal infection in chronic granulomatous disease, 59
- Fungemia in the immunocompromised host, 363

Fungal meningitis

- Chronic blastomycotic meningitis, 501

Fungemia

- Fungemia in the immunocompromised host, 363

Gammopathy

- The clinical aspects of biconal gammopathies, 999

Gastric acid

- Thyrotropin-releasing hormone suppressed gastric acid output in patients with Zollinger-Ellison syndrome and systemic mastocytosis, 957

Gastrointestinal tract

- Fiber and the gut (E), 193

Giant cell granuloma

- Granulomatous tenosynovitis and carpal tunnel syndrome caused by Sporothrix schenckii, 161

Giant left ventricular aneurysm

- Clinical recognition of giant left ventricular aneurysm, 799

Glomerular dysfunction

- Light chain nephropathy, 263

Glomerulonephritis

- Calcification in end-stage kidneys, 33
- Immune complex-mediated renal involvement in relapsing polychondritis, 181

- Renal failure, dyspnea and anemia in a 57 year old woman (CPC), 876

Glossopharyngeal neuralgia

- Glossopharyngeal neuralgia with syncope secondary to tumor, 165

Glucose

- Cerebrospinal fluid to serum glucose ratios in diabetes mellitus and bacterial meningitis, 217

Goiter

- Familial thyroid hormone resistance, 414

Gold therapy

- Reversal of progressive, life-threatening gold hypersensitivity pneumonitis by corticosteroids, 906

Gonococcal infection

- Etiology of anorectal infections in homosexual men, 395

Gram-negative bacillary meningitis

- Listeria and gram-negative bacillary meningitis in New York City, 1972-1979, 199

Granulocytopenia

- Piperacillin or ticarcillin plus amikacin, 983

Granulomatous hepatitis

- Granulomatous hepatitis associated with carbamazepine therapy, 733

Gut

- Fiber and the gut (E), 193

Habitus

- Distinctive anthropometric characteristics of women with mitral valve prolapse, 533

Hairy cell leukemia

- Polyarteritis nodosa, hairy cell leukemia and splenosis, 323

Hand-Schüller-Christian disease

- Headaches, impaired mentation, diabetes insipidus and exophthalmosis in a 50 year old man (CPC), 1027

HDL levels

- Characterization of hypocholesterolemia in myeloproliferative disease, 595
- High-density lipoprotein cholesterol in male alcoholics with and without severe liver disease, 589

Headache

- Chronic paroxysmal hemicrania, 169

- Headaches, impaired mentation, diabetes insipidus and exophthalmosis in a 50 year old man (CPC), 1027
- Health care**
Loss of charity in the practice of medicine (MSS), 196
- Heart**
Effect of chronic hypercalcemia on the heart, 371
- Heart disease**
Beneficial enhancement of coronary blood flow by nifedipine, 658
Ehlers-Danlos syndrome with abnormal collagen fibrils, sinus of Valsalva aneurysms, myocardial infarction, panacinar emphysema and cerebral heterotopias, 1051
Influence of nifedipine on left ventricular systolic and diastolic function, 683
Interim report of multicenter double-blind, placebo-controlled studies of nifedipine in chronic stable angina, 645
Introduction to Symposium on Nifedipine in Angina Pectoris, 635
Modification of left ventricular response to pacing tachycardia by nifedipine in patients with coronary artery disease, 667
New rationale for the clinical approach to the patient with angina pectoris, 639
Nifedipine and propranolol: a beneficial drug interaction, 676
Prostaglandins and ischemic heart disease, 1009
Short-term efficacy of oral verapamil in rest angina, 977
- Heart failure**
Circulatory improvement after hydralazine or isosorbide dinitrate administration in patients with heart failure, 627
Improved right ventricular function and reduced pulmonary vascular resistance during prazosin therapy of congestive heart failure, 75
Influence of oral prazosin therapy on exercise hemodynamics in patients with severe chronic heart failure, 140
Introduction to Symposium on Congestive Heart Failure, 131
Mechanisms and implications of vasodilator tolerance in the treatment of congestive heart failure, 89
Physiologic basis of vasodilator therapy for heart failure, 135
Prazosin and congestive heart failure: short- and long-term therapy, 147
Therapeutic application of prazosin in chronic refractory congestive heart failure, 153
- Heart neoplasm**
Multiple bilateral myxomas demonstrated by two-dimensional echocardiography, 836
- Hemangioblastoma**
Renal mass in a man with Von-Hippel Lindau disease (CPC), 287
- Hematuria**
Progressive renal failure with hematuria in a 62 year old man (CPC), 468
- Hemicrania**
Chronic paroxysmal hemicrania, 169
- Hemodialysis**
Disabling angina pectoris with normal coronary arteries in patients undergoing long-term hemodialysis, 431
- Hemodynamics**
Circulatory improvement after hydralazine or isosorbide dinitrate administration in patients with heart failure, 627
Influence of oral prazosin therapy on exercise hemodynamics in patients with severe chronic heart failure, 140
- Hemolytic anemia**
Acute renal failure, hemolytic anemia and skin rash associated with captopril therapy, 493
- Hepatitis**
Granulomatous hepatitis associated with carbamazepine therapy, 733
- Herpes simplex**
Etiology of anorectal infections in homosexual men, 395
- Heterogeneity in cancer**
Heterogeneity of cancer cells from a single human colon carcinoma, 949
- High-density lipoprotein cholesterol**
High-density lipoprotein cholesterol in male alcoholics with and without severe liver disease, 589
Serum high-density lipoprotein cholesterol correlates with presence but not severity of coronary artery disease, 235
- Histamine**
Autacoids as modulators of the inflammatory and immune response, 100
- Histocompatibility antigens**
Serologic studies in a family with heterozygous C2 deficiency, 945
- Histoplasma capsulatum**
Outbreak of acute pulmonary histoplasmosis in members of a wagon train, 759
- Histoplasmosis**
Outbreak of acute pulmonary histoplasmosis in members of a wagon train, 759
- Hodgkin's disease**
Anterior chest wall abscess in a 29 year old woman (CPC), 719
Avascular necrosis of bone complicating treatment of malignant lymphoma, 751
Long-term follow-up of ovarian function in women treated with MOPP chemotherapy for Hodgkin's disease, 552
- Holter monitor**
Relationship of arrhythmias and conduction disturbances to other manifestations of cardiopulmonary disease in progressive systemic sclerosis (PSS), 38
- Homosexual men**
Etiology of anorectal infections in homosexual men, 395
- Hughes-Stovin syndrome**
Multiple pulmonary arterial aneurysms in Behcet's disease and Hughes-Stovin syndrome, 736
- Hydralazine**
Circulatory improvement after hydralazine or isosorbide dinitrate administration in patients with heart failure, 627
Renal failure, dyspnea and anemia in a 57 year old woman (CPC), 876
- Hydroxyapatite**
Idiopathic familial chondrocalcinosis due to apatite crystal deposition, 557
- Hypercalcemia**
Effect of chronic hypercalcemia on the heart, 371
- Hypercalciuria**
Is selective therapy of recurrent nephrolithiasis possible? 615
Prevention of calcium nephrolithiasis with low-dose thiazide, amiloride and allopurinol, 623
Prevention of kidney stones, 514
- Hypercapnia**
Pattern of breathing and carbon dioxide retention in chronic obstructive lung disease, 228
- Hyperglycemia**
Cerebrospinal fluid to serum glucose ratios in diabetes mellitus and bacterial meningitis, 217
- Hyperkinetic heart syndrome**
Long-term follow-up of the primary hyperkinetic heart syndrome, 221
- Hypermineralocorticoidism**
Mineralocorticoid hypertension due to a nasal spray containing 9 α -fluoroprednisolone, 352
- Hyperparathyroidism**
Abnormal calcium-regulated PTH release in normal parathyroid tissue from patients with adenoma, 565
Effect of chronic hypercalcemia on the heart, 371
Hypocalcemia with osteoblastic metastases in a patient with prostate carcinoma, 184
- Hyperprolactinemia**
Abnormal prolactin responsiveness to dopaminergic suppression in hyperprolactinemic patients, 961
- Hypersensitivity pneumonitis**
Reversal of progressive, life-threatening gold hypersensitivity pneumonitis by corticosteroids, 908
- Hypertension**
Acute renal failure, hemolytic anemia and skin rash associated with captopril therapy, 493
Cardiovascular reflexes during long-term converting enzyme inhibition and sodium depletion, 422
Disabling angina pectoris with normal coronary arteries in patients undergoing long-term hemodialysis, 431
Mineralocorticoid hypertension due to a nasal spray containing 9 α -fluoroprednisolone, 352
- Hyperuricosuria**
Is selective therapy of recurrent nephrolithiasis possible? 615
Prevention of calcium nephrolithiasis with low-dose thiazide, amiloride and allopurinol, 623
Prevention of kidney stones, 514

Hypocalcemia

- Abnormal calcium-regulated PTH release in normal parathyroid tissue from patients with adenoma, 565
- Hypocalcemia with osteoblastic metastases in a patient with prostate carcinoma, 184

Hypocholesterolemia

- Characterization of hypocholesterolemia in myeloproliferative disease, 595

Hypoglycorrachia

- Cerebrospinal fluid to serum glucose ratios in diabetes mellitus and bacterial meningitis, 217

Hypokalemia

- Correction of hypokalemia by magnesium repletion in familial hypokalemic alkalosis with tubulopathy, 578
- Mineralocorticoid hypertension due to a nasal spray containing 9 α -fluoroprednisolone, 352

Hypokalemic alkalosis

- Correction of hypokalemia by magnesium repletion in familial hypokalemic alkalosis with tubulopathy, 578

Hypotension

- Orthostatic hypotension: a commonly unrecognized cause of symptoms in mitral valve prolapse, 746

Idiopathic familial chondrocalcinosis

- Idiopathic familial chondrocalcinosis due to apatite crystal deposition, 557

Idiopathic pericarditis

- Pericardial disease in patients with cancer, 407

IgG antibody

- Specific immunoadsorption of IgG antibody in a patient with chronic lymphocytic leukemia and autoimmune hemolytic anemia, 1035

Immune complexes

- Clinical implications and the pathogenetic significance of circulating immune complexes in infective endocarditis, 17
- Immune complexes: a clinical perspective (E), 743
- Immune complex-mediated renal involvement in relapsing polychondritis, 181
- Renal failure, dyspnea and anemia in a 57 year old woman (CPC), 876
- Trichinosis-related polyarteritis nodosa, 307

Immune response

- Autocoids as modulators of the inflammatory and immune response, 100
- Mycobacterium fortuitum pulmonary infection associated with an antigen-selective defect in cellular immunity, 485

Immunoadsorption

- Specific immunoadsorption of IgG antibody in a patient with chronic lymphocytic leukemia and autoimmune hemolytic anemia, 1035

Immunocompromised host

- Fungemia in the immunocompromised host, 363
- Laboratory evaluation of an outbreak of nocardiosis in immunocompromised hosts, 928

Prednisone-induced leukocytosis, 773

Immunodeficiency

- Circulating thymic hormone activity in patients with primary and secondary immunodeficiency diseases, 385
- Fatal disseminated adenovirus 11 pneumonia in an agammaglobulinemic patient, 1062
- New concepts of immunodeficiency (E), 511

Immunodiffusion

- Invasive aspergillosis, 571

Immunoglobulins

- Fatal disseminated adenovirus 11 pneumonia in an agammaglobulinemic patient, 1062
- Light chain nephropathy, 263
- The clinical aspects of biconal gammopathies, 999

Immunoperoxidase staining

- Correlation of plasma CEA and CEA tissue staining in poorly differentiated colorectal cancer, 246

Immunosuppression

- Clinical infections, antibiotics and immunosuppression: a puzzling relationship (E), 334
- Fungemia in the immunocompromised host, 363
- Kaposi's sarcoma complicating corticosteroid therapy for temporal arteritis, 320

Indomethacin

- Chronic paroxysmal hemicrania, 169

Infection

- Antibiotic therapy of bacterial meningitis: lessons we've learned (E), 507
- Clinical infections, antibiotics and immunosuppression: a puzzling relationship (E), 334
- Etiology of anorectal infections in homosexual men, 395
- Fever in renal transplant recipients: causes, prognostic significance and changing patterns at the University of Minnesota Hospital, 345
- Influence of treatment and response status on infection risk in multiple myeloma, 935
- Invasive aspergillosis, 571
- Invasive external otitis, 603
- Laboratory evaluation of an outbreak of nocardiosis in immunocompromised hosts, 928
- Large outbreak of infections caused by a strain of Staphylococcus aureus resistant to oxacillin and aminoglycosides, 53
- Mycobacterium fortuitum pulmonary infection associated with an antigen-selective defect in cellular immunity, 485
- Outbreak of acute pulmonary histoplasmosis in members of a wagon train, 759
- Past and current roles for cephalosporin antibiotics in treatment of meningitis, 693
- Piperacillin or ticarcillin plus amikacin, 983

Pyomyositis: tropical disease in a temperate climate, 900

- Use of cefotaxime, a β -lactamase stable cephalosporin, in the therapy of serious infections, including those due to multiresistant organisms, 435

Infection risk

- Influence of treatment and response status on infection risk in multiple myeloma, 935

Infective endocarditis

- Clinical implications and the pathogenetic significance of circulating immune complexes in infective endocarditis, 17

Inflammation

- Autocoids as modulators of the inflammatory and immune response, 100
- Calcaneal abnormalities and erosive bone disease associated with sickle cell anemia, 427

Inheritance

- Axial osteomalacia, 1041
- Distinctive anthropometric characteristics of women with mitral valve prolapse, 533
- Familial thyroid hormone resistance, 414
- Kaposi's sarcoma, 779
- Serologic studies in a family with heterozygous C2 deficiency, 945

Insulin

- Effect of euglycemia on the outcome of pregnancy in insulin-dependent diabetic women as compared with normal control subjects, 921

Intelligence

- Effects of prophylactic treatment of the central nervous system on the intellectual functioning of children with acute lymphocytic leukemia, 47

Internists

- Training internists: insights from private practice, 475

Interstitial fibrosis

- Progressive renal failure with hematuria in a 62 year old man (CPC), 468

Interstitial pneumonitis

- The lung in systemic lupus erythematosus, 791

Invasive aspergillosis

- Invasive aspergillosis, 571

Invasive external otitis

- Invasive external otitis, 603

Iodine 131

- The comparative value of serum thyroglobulin measurements and i.dine 131 total body scans in the follow-up study of patients with treated differentiated thyroid cancer, 806

Irradiation

- High-dose combined-modality therapy and autologous bone marrow transplantation in resistant cancer, 973

Ischemia

- Influence of nifedipine on left ventricular systolic and diastolic function, 683
- Prostaglandins and ischemic heart disease, 1009

Ischemic heart disease

- Prostaglandins and ischemic heart disease, 1009

Isoenzyme assay

Early appearance of MB-creatine kinase activity in nontransmural myocardial infarction detected by a sensitive assay for the isoenzyme, 254

Isosorbide dinitrate

Circulatory improvement after hydralazine or isosorbide dinitrate administration in patients with heart failure, 627

¹³¹I total body scan

The comparative value of serum thyroglobulin measurements and iodine ¹³¹I total body scans in the follow-up study of patients with treated differentiated thyroid cancer, 806

Joseph Charles Aub

Joseph Charles Aub: applying the tools of the basic sciences to clinical investigation (MSS), 13

Kaposi's sarcoma

Kaposi's sarcoma, 779
Kaposi's sarcoma complicating corticosteroid therapy for temporal arteritis, 320

Kidney

Cancer and the kidney: renal complications of neoplasms, 704
Clinical spectrum of renal cholesterol embolization, 174
Progressive renal failure with hematuria in a 62 year old man (CPC), 468

Kidney stones

Prevention of kidney stones, 514

Laryngeal carcinoma

Glossopharyngeal neuralgia with syncope secondary to tumor, 165

LDL levels

Characterization of hypocholesterolemia in myeloproliferative disease, 595

Left ventricular aneurysm

Clinical recognition of giant left ventricular aneurysm, 799

Left ventricular response

Influence of nifedipine on left ventricular systolic and diastolic function, 683
Modification of left ventricular response to pacing tachycardia by nifedipine in patients with coronary artery disease, 667

Legionella micdadei

Successful treatment of Legionella micdadei (Pittsburgh pneumonia agent) pneumonia with erythromycin, 836

Leukemia

Effects of prophylactic treatment of the central nervous system on the intellectual functioning of children with acute lymphocytic leukemia, 47
Peripheral destruction of platelets in chronic lymphocytic leukemia: recognition, prognosis and therapeutic implications, 729

Piperacillin or ticarcillin plus amikacin, 983

Polyarteritis nodosa, hairy cell leukemia and splenosis, 323

Specific immunoadsorption of IgG antibody in a patient with chronic lymphocytic leukemia and autoimmune hemolytic anemia, 1035

Leukocytosis

Prednisone-induced leukocytosis, 773

LeVeen shunts

Peritonitis in cirrhotic patients with LeVeen shunts, 358

Light chain disease

Light chain nephropathy, 263

Lipids

Characterization of hypocholesterolemia in myeloproliferative disease, 595
High-density lipoprotein cholesterol in male alcoholics with and without severe liver disease, 589
Serum high-density lipoprotein cholesterol correlates with presence but not severity of coronary artery disease, 235
Unique patient with coexisting cerebrotendinous xanthomatosis and β -sitosterolemia, 313

Liquid protein fast

Adverse effects of liquid protein fast on the handling of magnesium, calcium and phosphorus, 767

Listeria

Listeria and gram-negative bacillary meningitis in New York City, 1972-1979, 199

Listeria meningitis

Listeria and gram-negative bacillary meningitis in New York City, 1972-1979, 199

Liver disease

Granulomatous hepatitis associated with carbamazepine therapy, 733
High-density lipoprotein cholesterol in male alcoholics with and without severe liver disease, 589

L-thyroxine

Sudden death associated with thyroid hormone abuse, 887

Lung

The lung in systemic lupus erythematosus, 791

Lung cancer

Meningeal carcinomatosis in small cell carcinoma of the lung, 26

Lung disease

Pattern of breathing and carbon dioxide retention in chronic obstructive lung disease, 228

Lymphocytes

New concepts of immunodeficiency (E), 511

Lymphocytic leukemia

Peripheral destruction of platelets in chronic lymphocytic leukemia: recognition, prognosis and therapeutic implications, 729

Lymphoma

Avascular necrosis of bone complicating treatment of malignant lymphoma, 751
Marker and kinetic studies in the non-Hodgkin's lymphomas (CCBSS), 107
Septicemic complications of the cutaneous T-cell lymphomas, 210

Lymphoproliferative disease

The clinical aspects of biconal gammopathies, 999

Magnesium

Adverse effects of liquid protein fast on the handling of magnesium, calcium and phosphorus, 767

Magnesium repletion

Correction of hypokalemia by magnesium repletion in familial hypokalemic alkalosis with tubulopathy, 578

Malignant lymphoma

Avascular necrosis of bone complicating treatment of malignant lymphoma, 751

Malignant melanoma

Nephrotoxicity of semustine (methyl-CCNU) in patients with malignant melanoma receiving adjuvant chemotherapy, 967

Malignant pericarditis

Pericardial disease in patients with cancer, 407

Marfan syndrome

Maternal and fetal complications of pregnancy in the Marfan syndrome, 784

Mastocytosis

Thyrotropin-releasing hormone suppressed gastric acid output in patients with Zollinger-Ellison syndrome and systemic mastocytosis, 957

MB-creatine kinase

Early appearance of MB-creatine kinase activity in nontransmural myocardial infarction detected by a sensitive assay for the isoenzyme, 254

Measles

Measles pneumonia in young adults, 539

Mechlorethamine

Long-term follow-up of ovarian function in women treated with MOPP chemotherapy for Hodgkin's disease, 552

Medical education

Doctors abroad and at home: American medical education in 1981 (E), 189
Performance of U.S. citizen-foreign medical graduates on certifying examinations in internal medicine, 270
Training internists: insights from private practice, 475
When doctors meet numbers, 991

Medical practice

Loss of charity in the practice of medicine (MSS), 196
Training internists: insights from private practice, 475

Melanoma

Nephrotoxicity of semustine (methyl-CCNU) in patients with malignant melanoma receiving adjuvant chemotherapy, 967

Meningeal carcinomatosis

Meningeal carcinomatosis in small cell carcinoma of the lung, 26

Meningitis

Antibiotic therapy of bacterial meningitis: lessons we've learned (E), 507
Cerebrospinal fluid to serum glucose ratios in diabetes mellitus and bacterial meningitis, 217
Chronic blastomycotic meningitis, 501
(Continued on next page)

Meningitis (cont'd)

- Listeria and gram-negative bacillary meningitis in New York City, 1972-1979, 199
- Past and current roles for cephalosporin antibiotics in treatment of meningitis, 693

Metaproterenol

- Comparison of oral aminophylline and aerosol metaproterenol in asthma, 452

Metastases

- Hypocalcemia with osteoblastic metastases in a patient with prostate carcinoma, 184
- Meningeal carcinomatosis in small cell carcinoma of the lung, 26

Methyl-CCNU

- Nephrotoxicity of semustine (methyl-CCNU) in patients with malignant melanoma receiving adjuvant chemotherapy, 967

Mineral changes

- Adverse effects of liquid protein fast on the handling of magnesium, calcium and phosphorus, 767

Mitral valve prolapse

- Distinctive anthropometric characteristics of women with mitral valve prolapse, 533
- Orthostatic hypotension: a commonly unrecognized cause of symptoms in mitral valve prolapse, 746

MOPP chemotherapy

- Long-term follow-up of ovarian function in women treated with MOPP chemotherapy for Hodgkin's disease, 552

Multiple myeloma

- Influence of treatment and response status on infection risk in multiple myeloma, 935
- Light chain nephropathy, 263
- The clinical aspects of biconal gammopathies, 999

Multiresistant organisms

- Use of cefotaxime, a β -lactamase stable cephalosporin, in the therapy of serious infections, including those due to multiresistant organisms, 435

Muscle inflammation

- Pyomyositis: tropical disease in a temperate climate, 900

Mycobacterium fortuitum

- Mycobacterium fortuitum pulmonary infection associated with an antigen-selective defect in cellular immunity, 485

Myeloma

- Influence of treatment and response status on infection risk in multiple myeloma, 935

Myeloproliferative disease

- Characterization of hypocholesterolemia in myeloproliferative disease, 595

Myocardial infarction

- Early appearance of MB-creatinine kinase activity in nontransmural myocardial infarction detected by a sensitive assay for the isoenzyme, 254

- Ehlers-Danlos syndrome with abnormal collagen fibrils, sinus of Valsalva aneurysms, myocardial infarction, pancreatic emphysema and cerebral heterotopias, 1051

Myocardial oxygen consumption

- Disabling angina pectoris with normal coronary arteries in patients undergoing long-term hemodialysis, 431

Myocarditis

- Sudden death associated with thyroid hormone abuse, 887

Myxoma

- Multiple biatrial myxomas demonstrated by two-dimensional echocardiography, 896

Nasal spray

- Mineralocorticoid hypertension due to a nasal spray containing 9 α -fluoroprednisolone, 352

Necrotizing vasculopathy

- Trichinosis-related polyarteritis nodosa, 307

Neoplasms

- Cancer and the kidney: renal complications of neoplasms, 704

Nephrocalcinosis

- Calcification in end-stage kidneys, 33

Nephrolithiasis

- Is selective therapy of recurrent nephrolithiasis possible? 615
- Prevention of calcium nephrolithiasis with low-dose thiazide, amiloride and allopurinol, 623

Nephropathy

- Cancer and the kidney: renal complications of neoplasms, 704
- Light chain nephropathy, 263
- On the differential diagnosis of acute renal failure (E), 916
- Rapidly progressive silicon nephropathy, 823

Nephrosclerosis

- Progressive renal failure with hematuria in a 62 year old man (CPC), 468

Nephrotoxicity

- Nephrotoxicity of semustine (methyl-CCNU) in patients with malignant melanoma receiving adjuvant chemotherapy, 967

Neuralgia

- Glossopharyngeal neuralgia with syncope secondary to tumor, 165

Neurologic impairment

- Effects of prophylactic treatment of the central nervous system on the intellectual functioning of children with acute lymphocytic leukemia, 47

Neuropathy

- Invasive external otitis, 603
- Neurologic manifestations of systemic vasculitis, 517
- Sural nerve biopsy in systemic necrotizing vasculitis, 525

Nifedipine

- Beneficial enhancement of coronary blood flow by nifedipine, 658
- Influence of nifedipine on left ventricular systolic and diastolic function, 663

- Interim report of multicenter double-blind, placebo-controlled studies of nifedipine in chronic stable angina, 645

- Introduction to Symposium on Nifedipine in Angina Pectoris, 635

- Modification of left ventricular response to pacing tachycardia by nifedipine in patients with coronary artery disease, 667

- New rationale for the clinical approach to the patient with angina pectoris, 639

- Nifedipine and propranolol: a beneficial drug interaction, 676

Nitrates

- Circulatory improvement after hydralazine or isosorbide dinitrate administration in patients with heart failure, 627

Nitroglycerin

- Beneficial enhancement of coronary blood flow by nifedipine, 658

Nocardia

- Laboratory evaluation of an outbreak of nocardiosis in immunocompromised hosts, 928

Nocardiosis

- Laboratory evaluation of an outbreak of nocardiosis in immunocompromised hosts, 928

Non-Hodgkin's lymphoma

- Marker and kinetic studies in the non-Hodgkin's lymphomas (CCBSS), 107

Norepinephrine

- Exaggerated pressor responsiveness to norepinephrine in nonazotemic diabetes mellitus, 829

Nutrition

- Adverse effects of liquid protein fast on the handling of magnesium, calcium and phosphorus, 767
- Fiber and the gut (E), 193
- Nutrition and aging: some unanswered questions (E), 337

Oliguria

- Renal manifestations of the staphylococcal toxic-shock syndrome, 583

Ommaya reservoir

- Sterilization of Ommaya reservoir by instillation of vancomycin, 1068

Orthostatic hypotension

- Orthostatic hypotension: a commonly unrecognized cause of symptoms in mitral valve prolapse, 746

Osteoblastic metastases

- Hypocalcemia with osteoblastic metastases in a patient with prostate carcinoma, 184

Osteomalacia

- Axial osteomalacia, 1041

Osteosclerosis

- Axial osteomalacia, 1041

Otitis

- Invasive external otitis, 603

Ovarian function

- Long-term follow-up of ovarian function in women treated with MOPP chemotherapy for Hodgkin's disease, 552

Oxacillin

Large outbreak of infections caused by a strain of *Staphylococcus aureus* resistant to oxacillin and aminoglycosides, 53

Oxygen availability

Circulatory improvement after hydralazine or isosorbide dinitrate administration in patients with heart failure, 627

Oxygen desaturation

Alcohol increases sleep apnea and oxygen desaturation in asymptomatic men, 240

Pancytopenia

Long-term follow-up in patients with aplastic anemia, 543

Paracoccidioidomycosis

Recovery of adrenal reserve following treatment of disseminated South American blastomycosis, 298

Parasitic infections

Etiology of anorectal infections in homosexual men, 395

Parathyroid

Abnormal calcium-regulated PTH release in normal parathyroid tissue from patients with adenoma, 565

Parenteral nutrition

Fungemia in the immunocompromised host, 363

Pericardial disease

Pericardial disease in patients with cancer, 407

Pericarditis

Invasive aspergillosis of the lung and pericardium in a nonimmunocompromised 33 year old man, 903

Pericardial disease in patients with cancer, 407

Perioperative contamination

Peritonitis in cirrhotic patients with LeVeen shunts, 358

Peripheral neuropathy

Neurologic manifestations of systemic vasculitis, 517

Peritoneovenous shunts

Peritonitis in cirrhotic patients with LeVeen shunts, 358

Peritonitis

Peritonitis in cirrhotic patients with LeVeen shunts, 358

Permeability

Evidence for increased permeability in reexpansion pulmonary edema, 497

Phagocytes

Fungal infection in chronic granulomatous disease, 59

Pharmaceutical industry

Pharmaceutical industry and academe: partners in progress, 81

Pheochromocytoma

Renal mass in a man with Von-Hippel Lindau disease (CPC), 287

Phosphorus

Adverse effects of liquid protein fast on the handling of magnesium, calcium and phosphorus, 767

Calcification in end-stage kidneys, 33

Physician training

Doctors abroad and at home: American medical education in 1981 (E), 189

Performance of U.S. citizen-foreign medical graduates on certifying examinations in internal medicine, 270

Training internists: insights from private practice, 475

Piperacillin

Piperacillin or ticarcillin plus amikacin, 983

Pittsburgh pneumonia agent

Successful treatment of *Legionella micdadei* (Pittsburgh pneumonia agent) pneumonia with erythromycin, 836

Pituitary ACTH dependency

Pituitary ACTH dependency of nodular adrenal hyperplasia in Cushing's syndrome, 302

Pituitary tumor

Abnormal prolactin responsivity to dopaminergic suppression in hyperprolactinemic patients, 961

Bromocriptine therapy for "nonfunctioning" pituitary tumors, 1059

Plasma potassium concentration

Changes in plasma potassium concentration during acute acid-base disturbances, 456

Platelets

Peripheral destruction of platelets in chronic lymphocytic leukemia: recognition, prognosis and therapeutic implications, 729

Platelets and atherosclerosis (E), 331

Pneumonia

Fatal disseminated adenovirus 11 pneumonia in an agammaglobulinemic patient, 1062

Fungal infection in chronic granulomatous disease, 59

Measles pneumonia in young adults, 539

Successful treatment of *Legionella micdadei* (Pittsburgh pneumonia agent) pneumonia with erythromycin, 836

Pneumonia, viral

Measles pneumonia in young adults, 539

Polyarteritis nodosa

Polyarteritis nodosa, hairy cell leukemia and splenosis, 323

Sural nerve biopsy in systemic necrotizing vasculitis, 525

Trichinosis-related polyarteritis nodosa, 307

Polychondritis

Immune complex-mediated renal involvement in relapsing polychondritis, 181

Polycythemia vera

Characterization of hypocholesterolemia in myeloproliferative disease, 595

Potassium

Changes in plasma potassium concentration during acute acid-base disturbances, 456

Correction of hypokalemia by magnesium repletion in familial hypokalemic alkalosis with tubulopathy, 578

Prazosin

Improved right ventricular function and reduced pulmonary vascular resistance during prazosin therapy of congestive heart failure, 75

Influence of oral prazosin therapy on exercise hemodynamics in patients with severe chronic heart failure, 140

Prazosin and congestive heart failure: short- and long-term therapy, 147

Therapeutic application of prazosin in chronic refractory congestive heart failure, 153

Prednisone

Long-term follow-up of ovarian function in women treated with MOPP chemotherapy for Hodgkin's disease, 552

Prednisone-induced leukocytosis, 773

Pregnancy

Cardiac catheterization under echocardiographic control in a pregnant woman, 481

Effect of euglycemia on the outcome of pregnancy in insulin-dependent diabetic women as compared with normal control subjects, 921

Maternal and fetal complications of pregnancy in the Marfan syndrome, 784

Pressor sensitivity

Exaggerated pressor responsiveness to norepinephrine in nonazotemic diabetes mellitus, 829

Private practice

Training internists: insights from private practice, 475

Procarbazine

Long-term follow-up of ovarian function in women treated with MOPP chemotherapy for Hodgkin's disease, 552

Proctitis

Etiology of anorectal infections in homosexual men, 395

Progressive systemic sclerosis

Relationship of arrhythmias and conduction disturbances to other manifestations of cardiopulmonary disease in progressive systemic sclerosis (PSS), 38

Prolactin

Abnormal prolactin responsivity to dopaminergic suppression in hyperprolactinemic patients, 961

Prolactin suppression

Bromocriptine therapy for "nonfunctioning" pituitary tumors, 1059

Prophylaxis

Effects of prophylactic treatment of the central nervous system on the intellectual functioning of children with acute lymphocytic leukemia, 47

Propranolol

Double-blind, randomized, placebo-controlled comparison of propranolol and verapamil in the treatment of patients with stable angina pectoris, 443

(Continued on next page)

Propranolol (cont'd)

Nifedipine and propranolol: a beneficial drug interaction, 676

Prostaglandins

Autacoids as modulators of the inflammatory and immune response, 100

Prostaglandins and ischemic heart disease, 1009

Prostate

Hypocalcemia with osteoblastic metastases in a patient with prostate carcinoma, 184

Pseudomonas

Invasive external otitis, 603

PTH secretion

Abnormal calcium-regulated PTH release in normal parathyroid tissue from patients with adenoma, 565

Pulmonary arterial aneurysms

Multiple pulmonary arterial aneurysms in Behcet's disease and Hughes-Stovin syndrome, 736

Pulmonary disease

Ehlers-Danlos syndrome with abnormal collagen fibrils, sinus of Valsalva aneurysms, myocardial infarction, panacinar emphysema and cerebral heterotopias, 1051

Fatal disseminated adenovirus 11 pneumonia in an agammaglobulinemic patient, 1062

Invasive aspergillosis, 571

Invasive aspergillosis of the lung and pericardium in a nonimmunocompromised 33 year old man, 903

Measles pneumonia in young adults, 539

Mycobacterium fortuitum pulmonary infection associated with an antigen-selective defect in cellular immunity, 485

Outbreak of acute pulmonary histoplasmosis in members of a wagon train, 759

Pattern of breathing and carbon dioxide retention in chronic obstructive lung disease, 228

Reversal of progressive, life-threatening gold hypersensitivity pneumonitis by corticosteroids, 908

Successful treatment of Legionella micdadei (Pittsburgh pneumonia agent) pneumonia with erythromycin, 836

The lung in systemic lupus erythematosus, 791

What's new in tuberculosis? (E), 1

Pulmonary edema

Evidence for increased permeability in reexpansion pulmonary edema, 497

Pulmonary vascular resistance

Improved right ventricular function and reduced pulmonary vascular resistance during prazosin therapy of congestive heart failure, 75

Pyomyositis

Pyomyositis: tropical disease in a temperate climate, 900

Quantitative analysis

When doctors meet numbers, 991

Radiation-induced pericarditis

Pericardial disease in patients with cancer, 407

Radioimmunoassay

Urinary excretion of reduced metabolites of digoxin, 67

Recurrent nephrolithiasis

Is selective therapy of recurrent nephrolithiasis possible? 615

Reexpansion pulmonary edema

Evidence for increased permeability in reexpansion pulmonary edema, 497

Relapsing polychondritis

Immune complex-mediated renal involvement in relapsing polychondritis, 181

Renal complications

Cancer and the kidney: renal complications of neoplasms, 704

Renal disease

Correction of hypokalemia by magnesium repletion in familial hypokalemic alkalosis with tubulopathy, 578

On the differential diagnosis of acute renal failure (E), 916

Rapidly progressive silicon nephropathy, 823

Renal failure

Acute renal failure, hemolytic anemia and skin rash associated with captopril therapy, 493

Calcification in end-stage kidneys, 33

Cancer and the kidney: renal complications of neoplasms, 704

Light chain nephropathy, 263

Nephrotoxicity of semustine (methyl-CCNU) in patients with malignant melanoma receiving adjuvant chemotherapy, 967

On the differential diagnosis of acute renal failure (E), 916

Progressive renal failure with hematuria in a 62 year old man (CPC), 468

Renal failure, dyspnea and anemia in a 57 year old woman (CPC), 876

Renal manifestations of the staphylococcal toxic-shock syndrome, 583

Renal function

Clinical spectrum of renal cholesterol embolization, 174

Immune complex-mediated renal involvement in relapsing polychondritis, 181

Renal infection

Clinical infections, antibiotics and immunosuppression: a puzzling relationship (E), 334

Renal manifestations

Renal manifestations of the staphylococcal toxic-shock syndrome, 583

Renal mass

Renal mass in a man with Von-Hippel Lindau disease (CPC), 287

Renal stones

Prevention of kidney stones, 514

Renal transplant recipients

Fever in renal transplant recipients: causes, prognostic significance and changing patterns at the University of Minnesota Hospital, 345

Renin

Correction of hypokalemia by magnesium repletion in familial hypokalemic alkalosis with tubulopathy, 578

Renin-angiotension blockade

Cardiovascular reflexes during long-term converting enzyme inhibition and sodium depletion, 422

Residency

Training internists: insights from private practice, 475

Rest angina

Short-term efficacy of oral verapamil in rest angina, 977

Rheumatic valve disease

Cardiac catheterization under echocardiographic control in a pregnant woman, 481

Rheumatoid arthritis

Sural nerve biopsy in systemic necrotizing vasculitis, 525

Right ventricular function

Improved right ventricular function and reduced pulmonary vascular resistance during prazosin therapy of congestive heart failure, 75

Rubeola

Measles pneumonia in young adults, 539

Saccharin

Saccharin and society (MSS), 9

Sarcoma

Kaposi's sarcoma, 779

Kaposi's sarcoma complicating corticosteroid therapy for temporal arteritis, 320

Scintigraphy

Clinical recognition of giant left ventricular aneurysm, 799

Scleroderma

Relationship of arrhythmias and conduction disturbances to other manifestations of cardiopulmonary disease in progressive systemic sclerosis (PSS), 38

Semustine

Nephrotoxicity of semustine (methyl-CCNU) in patients with malignant melanoma receiving adjuvant chemotherapy, 967

Septicemia

Septicemic complications of the cutaneous T-cell lymphomas, 210

Serologic studies

Serologic studies in a family with heterozygous C2 deficiency, 945

Serum glucose

Cerebrospinal fluid to serum glucose ratios in diabetes mellitus and bacterial meningitis, 217

Sickle cell anemia

Calcareous abnormalities and erosive bone disease associated with sickle cell anemia, 427

Silicon nephropathy

Rapidly progressive silicon nephropathy, 823

β -sitosterolemia

Unique patient with coexisting cerebrotendinous xanthomatosis and β -sitosterolemia, 313

Skeletal defects

Distinctive anthropometric characteristics of women with mitral valve prolapse, 533

Skin rash

Acute renal failure, hemolytic anemia and skin rash associated with captopril therapy, 493

SLE

Drug-induced lupus: an adjuvant disease? (E), 5
Serologic studies in a family with heterozygous C2 deficiency, 945
Sural nerve biopsy in systemic necrotizing vasculitis, 525
The lung in systemic lupus erythematosus, 791

Sleep apnea

Alcohol increases sleep apnea and oxygen desaturation in asymptomatic men, 240

Small cell carcinoma

Meningeal carcinomatosis in small cell carcinoma of the lung, 26

Sodium cellulose phosphate

Is selective therapy of recurrent nephrolithiasis possible? 615

Sodium depletion

Cardiovascular reflexes during long-term converting enzyme inhibition and sodium depletion, 422

South American blastomycosis

Recovery of adrenal reserve following treatment of disseminated South American blastomycosis, 298

Splenomegaly

Thrombocytopenia and splenomegaly in a 59 year old man (CPC), 124

Splenosis

Polyarteritis nodosa, hairy cell leukemia and splenosis, 323

Sporothrix schenckii

Granulomatous tenosynovitis and carpal tunnel syndrome caused by *Sporothrix schenckii*, 161

Sporotrichosis

Granulomatous tenosynovitis and carpal tunnel syndrome caused by *Sporothrix schenckii*, 161

Staphylococcal bacteremia

Large outbreak of infections caused by a strain of *Staphylococcus aureus* resistant to oxacillin and aminoglycosides, 53

Staphylococcus

Renal manifestations of the staphylococcal toxic-shock syndrome, 583

Staphylococcus aureus

Large outbreak of infections caused by a strain of *Staphylococcus aureus* resistant to oxacillin and aminoglycosides, 53
Peritonitis in cirrhotic patients with LeVeen shunts, 358
Septicemic complications of the cutaneous T-cell lymphomas, 210
Staphylococcus epidermidis
Sterilization of Ommaya reservoir by instillation of vancomycin, 1068

Statistics

When doctors meet numbers, 991

Stone formation

Is selective therapy of recurrent nephrolithiasis possible? 615
Prevention of calcium nephrolithiasis with low-dose thiazide, amiloride and allopurinol, 623

Superior vena cava

Syphilitic aortic aneurysm presenting with the superior vena cava syndrome, 171

Sural nerve biopsy

Sural nerve biopsy in systemic necrotizing vasculitis, 525

Sweetener, non-nutritive

Saccharin and society (MSS), 9

Symposium on Congestive Heart Failure

Influence of oral prazosin therapy on exercise hemodynamics in patients with severe chronic heart failure, 140
Introduction to Symposium on Congestive Heart Failure, 131
Physiologic basis of vasodilator therapy for heart failure, 135
Prazosin and congestive heart failure: short- and long-term therapy, 147
Therapeutic application of prazosin in chronic refractory congestive heart failure, 153

Symposium on Nifedipine in Angina Pectoris

Beneficial enhancement of coronary blood flow by nifedipine, 658
Influence of nifedipine on left ventricular systolic and diastolic function, 683
Interim report of multicenter double-blind, placebo-controlled studies of nifedipine in chronic stable angina, 645
Introduction to Symposium on Nifedipine in Angina Pectoris, 635
Modification of left ventricular response to pacing tachycardia by nifedipine in patients with coronary artery disease, 667
New rationale for the clinical approach to the patient with angina pectoris, 639
Nifedipine and propranolol: a beneficial drug interaction, 676

Syncope

Glossopharyngeal neuralgia with syncope secondary to tumor, 165
Orthostatic hypotension: a commonly unrecognized cause of symptoms in mitral valve prolapse, 746

Syphilis

Etiology of anorectal infections in homosexual men, 395
Syphilitic aortic aneurysm presenting with the superior vena cava syndrome, 171

Syphilitic aortitis

Syphilitic aortic aneurysm presenting with the superior vena cava syndrome, 171

Systemic lupus erythematosus

Drug-induced lupus: an adjuvant disease? (E), 5
Serologic studies in a family with heterozygous C2 deficiency, 945
Sural nerve biopsy in systemic necrotizing vasculitis, 525
The lung in systemic lupus erythematosus, 791

Systemic mastocytosis

Thyrotropin-releasing hormone suppressed gastric acid output in patients with Zollinger-Ellison syndrome and systemic mastocytosis, 957

Systemic necrotizing vasculitis

Sural nerve biopsy in systemic necrotizing vasculitis, 525

Systemic vasculitis

Neurologic manifestations of systemic vasculitis, 517

Tachycardia

Modification of left ventricular response to pacing tachycardia by nifedipine in patients with coronary artery disease, 667

Tachyphylaxis

Therapeutic application of prazosin in chronic refractory congestive heart failure, 153

T cells

New concepts of immunodeficiency (E), 511

Temporal arteritis

Kaposi's sarcoma complicating corticosteroid therapy for temporal arteritis, 320

Tenosynovitis

Granulomatous tenosynovitis and carpal tunnel syndrome caused by *Sporothrix schenckii*, 161

Therapeutic interactions

Clinical infections, antibiotics and immunosuppression: a puzzling relationship (E), 334

Thiazide diuretics

Is selective therapy of recurrent nephrolithiasis possible? 615
Prevention of calcium nephrolithiasis with low-dose thiazide, amiloride and allopurinol, 623

Thrombocytopenia

Peripheral destruction of platelets in chronic lymphocytic leukemia: recognition, prognosis and therapeutic implications, 729
Thrombocytopenia and splenomegaly in a 59 year old man (CPC), 124

Thromboembolism

Platelets and atherosclerosis (E), 331

Thromboxane

Prostaglandins and ischemic heart disease, 1009

Thymus

Anterior chest wall abscess in a 29 year old woman (CPC), 719

Thyroglobulin

The comparative value of serum thyroglobulin measurements and iodine 131 total body scans in the follow-up study of patients with treated differentiated thyroid cancer, 806

Thyroid cancer

The comparative value of serum thyroglobulin measurements and iodine 131 total body scans in the follow-up study of patients with treated differentiated thyroid cancer, 806

Thyroid hormone

Familial thyroid hormone resistance, 414
(Continued on next page)

Thyroid hormone (cont'd)

Sudden death associated with thyroid hormone abuse, 887

Thyroid resistance

Familial thyroid hormone resistance, 414

Thyrotropin-releasing hormone

Thyrotropin-releasing hormone suppressed gastric acid output in patients with Zollinger-Ellison syndrome and systemic mastocytosis, 957

Ticarcillin

Piperacillin or ticarcillin plus amikacin, 983

Toxic-shock syndrome

Renal manifestations of the staphylococcal toxic-shock syndrome, 583

Transplantation

Fever in renal transplant recipients: causes, prognostic significance and changing patterns at the University of Minnesota Hospital, 345
High-dose combined-modality therapy and autologous bone marrow transplantation in resistant cancer, 973

Trichinosis

Trichinosis-related polyarteritis nodosa, 307

Tropical disease

Pyomyositis: tropical disease in a temperate climate, 900

Tuberculosis

What's new in tuberculosis? (E), 1

Tubulopathy

Correction of hypokalemia by magnesium repletion in familial hypokalemic alkalosis with tubulopathy, 578

Tumor

Renal mass in a man with Von-Hippel Lindau disease (CPC), 287

Urinary excretion

Urinary excretion of reduced metabolites of digoxin, 67

Urinary steroids

Clinical and laboratory findings and results of therapy in 58 patients with adrenocortical tumors admitted to a single medical center (1951 to 1978), 855

Urinary tract infection

Duration of treatment of urinary tract infections, 849
Single-dose cefaclor therapy of urinary tract infection, 841

Vancomycin

Sterilization of Ommaya reservoir by instillation of vancomycin, 1068
Treatment of *Clostridium difficile* colitis and diarrhea with vancomycin, 815

Vascular resistance

Improved right ventricular function and reduced pulmonary vascular resistance during prazosin therapy of congestive heart failure, 75
Mechanisms and implications of vasodilator tolerance in the treatment of congestive heart failure, 89

Vasculitis

Neurologic manifestations of systemic vasculitis, 517
Polyarteritis nodosa, hairy cell leukemia and splenosis, 323
Sural nerve biopsy in systemic necrotizing vasculitis, 525

Vasculopathy

Trichinosis-related polyarteritis nodosa, 307

Vasoactive mediators

Platelets and atherosclerosis (E), 331

Vasoconstrictor agents

Mineralocorticoid hypertension due to a nasal spray containing 9 α -fluoroprednisolone, 352

Vasodilator therapy

Improved right ventricular function and reduced pulmonary vascular resistance during prazosin therapy of congestive heart failure, 75
Influence of oral prazosin therapy on exercise hemodynamics in patients with severe chronic heart failure, 140
Introduction to Symposium on Congestive Heart Failure, 131
Mechanisms and implications of vasodilator tolerance in the treatment of congestive heart failure, 89
Physiologic basis of vasodilator therapy for heart failure, 135

Prazosin and congestive heart failure: short- and long-term therapy, 147
Therapeutic application of prazosin in chronic refractory congestive heart failure, 153

Venous thrombosis

Multiple pulmonary arterial aneurysms in Behcet's disease and Hughes-Stovin syndrome, 736

Ventilation

Pattern of breathing and carbon dioxide retention in chronic obstructive lung disease, 228

Ventricular function

Improved right ventricular function and reduced pulmonary vascular resistance during prazosin therapy of congestive heart failure, 75
Influence of nifedipine on left ventricular systolic and diastolic function, 683
Modification of left ventricular response to pacing tachycardia by nifedipine in patients with coronary artery disease, 667

Verapamil

Double-blind, randomized, placebo-controlled comparison of propranolol and verapamil in the treatment of patients with stable angina pectoris, 443
Short-term efficacy of oral verapamil in rest angina, 977

Vincristine

Long-term follow-up of ovarian function in women treated with MOPP chemotherapy for Hodgkin's disease, 552

Von-Hippel Lindau disease

Renal mass in a man with Von-Hippel Lindau disease (CPC), 287

Xanthomatosis

Unique patient with coexisting cerebrotendinous xanthomatosis and β -sitosterolemia, 313

Zollinger-Ellison syndrome

Thyrotropin-releasing hormone suppressed gastric acid output in patients with Zollinger-Ellison syndrome and systemic mastocytosis, 957



The American Journal of Medicine®

666 FIFTH AVENUE, NEW YORK, NEW YORK 10103

Technical Publishing

EB a company of
The Dun & Bradstreet Corporation

Editor

ARTHUR J. ANTENUCCI, M.D.

Consultant, Medicine
ROOSEVELT HOSPITAL
New York, New York

Assistant Editor

RICHARD B. DEVEREUX, M.D.

Assistant Professor of Medicine
CORNELL UNIVERSITY MEDICAL COLLEGE
New York, New York

Executive Editor

LYNNE NICHOLSON

Assistant Managing Editor

GAIL BONFANTE

Publisher

ROBERT T. BRAWN

ADVISORY BOARD

NICHOLAS P. CHRISTY, M.D.
DOWNSTATE MEDICAL CENTER,
STATE UNIVERSITY OF NEW YORK
Brooklyn, New York

ROBERT A. GOOD, M.D.
SLOAN-KETTERING INSTITUTE
FOR CANCER RESEARCH
New York, New York

EDWARD W. HOOK, M.D.
UNIVERSITY OF VIRGINIA
SCHOOL OF MEDICINE
Charlottesville, Virginia

DAVID M. KIPNIS, M.D.
WASHINGTON UNIVERSITY
SCHOOL OF MEDICINE
St. Louis, Missouri

HENRY G. KUNKEL, M.D.
THE ROCKEFELLER UNIVERSITY
New York, New York

JOHN H. LARAGH, M.D.
THE NEW YORK HOSPITAL-CORNELL
MEDICAL CENTER
New York, New York

VICTOR A. McKUSICK, M.D.
THE JOHNS HOPKINS UNIVERSITY
SCHOOL OF MEDICINE
Baltimore, Maryland

HELEN M. RANNEY, M.D.
UNIVERSITY OF CALIFORNIA, SAN DIEGO
SCHOOL OF MEDICINE
San Diego, California

DONALD W. SELDIN, M.D.
THE UNIVERSITY OF TEXAS
SOUTHWESTERN MEDICAL SCHOOL
Dallas, Texas

LLOYD H. SMITH, JR., M.D.
UNIVERSITY OF CALIFORNIA
San Francisco, California

HIBBARD E. WILLIAMS, M.D.
UNIVERSITY OF CALIFORNIA AT DAVIS
SCHOOL OF MEDICINE
Davis, California

ASSOCIATE EDITORS

Allergy and Immunology

ANTHONY S. FAUCI, MD.
Bethesda, Maryland
EDWARD C. FRANKLIN, M.D.
New York, New York

Cardiovascular Disease

EUGENE BRAUNWALD, M.D.
Boston, Massachusetts
DOUGLAS P. ZIPES, M.D.
Indianapolis, Indiana

Endocrinology and Metabolism

WILLIAM D. ODELL, M.D. Ph.D.
Salt Lake City, Utah

Gastroenterology

TELFER B. REYNOLDS, M.D.
Los Angeles, California
MARVIN H. SLEISINGER, M.D.
San Francisco, California

Hematology

CHARLES E. MENGEL, M.D.
Columbia, Missouri
RALPH L. NACHMAN, M.D.
New York, New York

Infectious Diseases

DONALD KAYE, M.D.
Philadelphia, Pennsylvania
SHELDON M. WOLFF, M.D.
Boston, Massachusetts

Internal Medicine

RICHARD L. BYYNY, M.D.
Denver, Colorado
MARK SIEGLER, M.D.
Chicago, Illinois

Medical Oncology

VINCENT T. DeVITA, Jr., M.D.
Bethesda, Maryland
JAMES F. HOLLAND, M.D.
New York, New York

Nephrology

THOMAS E. ANDREOLI, M.D.
Houston, Texas
BARRY M. BRENNER, M.D.
Boston, Massachusetts

Neurology

GUY M. McKHANN, M.D.
Baltimore, Maryland
JEROME B. POSNER, M.D.
New York, New York

Pulmonary Diseases

CLAUDE LENFANT, M.D.
Bethesda, Maryland
JOHN F. MURRAY, M.D.
San Francisco, California

Rheumatology

CHARLES L. CHRISTIAN, M.D.
New York, New York
JOHN L. DECKER, M.D.
Bethesda, Maryland

TECHNICAL PUBLISHING COMPANY, a Division of

DUN-DONNELLEY PUBLISHING CORPORATION, a DUN & BRADSTREET COMPANY

666 Fifth Avenue, New York, New York 10103

Copyright © 1981

All rights reserved. No parts of the contents of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or by any information storage retrieval system, without the written permission of the copyright owner.

Printed in the United States of America

The American Journal of Medicine®

CONTENTS IN BRIEF

EDITORIALS

- 1 **What's New in Tuberculosis?**
William W. Stead, Asim K. Dutt
- 5 **Drug-Induced Lupus: An Adjuvant Disease?**
Robert T. Schoen, David E. Trentham

MEDICINE, SCIENCE AND SOCIETY

- 9 **Saccharin and Society**
Elena O. Nightingale, Frederick C. Robbins
- 13 **Joseph Charles Aub: Applying the Tools of the Basic Sciences to Clinical Investigation**
A. McGehee Harvey

CLINICAL STUDIES

- 17 **The Clinical Implications and the Pathogenetic Significance of Circulating Immune Complexes in Infective Endocarditis**
Robert H. Kauffmann, Jan Thompson, Robert M. Valentijn, Mohamed R. Daha, Leendert A. van Es
- 26 **Meningeal Carcinomatosis in Small Cell Carcinoma of the Lung**
R. S. Aroney, D. N. Dalley, W. K. Chan, D. R. Bell, J. A. Levi
- 33 **Calcification in End-Stage Kidneys**
Lloyd S. Ibeis, Allen C. Alfrey, William E. Huffer, Peter W. Cawswell, Richard Weil, III
- 38 **The Relationship of Arrhythmias and Conduction Disturbances to Other Manifestations of Cardiopulmonary Disease in Progressive Systemic Sclerosis (PSS)**
Philip J. Clements, Daniel E. Furst, William Cabeen, Donald Tashkin, Harold E. Paulus, Nigel Roberts
- 47 **The Effects of Prophylactic Treatment of the Central Nervous System on the Intellectual Functioning of Children with Acute Lymphocytic Leukemia**
Howard A. Moss, Ellen D. Nannis, David G. Poplack
- 53 **A Large Outbreak of Infections Caused by a Strain of Staphylococcus aureus Resistant to Oxacillin and Aminoglycosides**
Donald E. Craven, Candace Reed, Anancy Kollisch, Alfred DeMaria, Deborah Lichtenberg, Kay Shen, William R. McCabe
- 59 **Fungal Infection in Chronic Granulomatous Disease. The Importance of the Phagocyte in Defense Against Fungi**
Myron S. Cohen, Raul E. Isturiz, Harry L. Malech, Richard K. Root, Catherine M. Wilfert, Laura Gutman, Rebecca H. Buckley
- 67 **Urinary Excretion of Reduced Metabolites of Digoxin**
John Lindenbaum, Doris Tse-Eng, Vincent P. Butler, Jr., Deborah G. Runo

REPORT ON THERAPY

- 75 **Improved Right Ventricular Function and Reduced Pulmonary Vascular Resistance During Prazosin Therapy of Congestive Heart Failure**
Wilson S. Colucci, B. Leonard Holman, Josua Wynne, Blase Caraballo, Robert Malacoff, William Grossman, Eugene Braunwald

SPECIAL ARTICLE

- 81 **The Pharmaceutical Industry and Academe: Partners in Progress**
Alexander G. Beam

REVIEWS

- 88 **Mechanisms and Implications of Vasodilator Tolerance in the Treatment of Congestive Heart Failure**
Wilson S. Colucci, Gordon H. Williams, R. Wayne Alexander, Eugene Braunwald
- 100 **Autacoids As Modulators of the Inflammatory and Immune Response**
Kenneth L. Melmon, Ross E. Rocklin, Roberto P. Rosenkranz

COMBINED CLINICAL BASIC SCIENCE SEMINAR

- 107 **Marker and Kinetic Studies in the Non-Hodgkins' Lymphomas (New York Hospital-Cornell Medical Center).**
Lecturers: Herbert Hansen, Benjamin Koziner, Bayard Clarkson

CLINICOPATHOLOGIC CONFERENCE

- 124 **Thrombocytopenia and Splenomegaly in a 59 Year Old Man (Washington University School of Medicine)**

SYMPOSIUM ON CONGESTIVE HEART FAILURE

- 131 **Introduction**
C. Richard Conti
- 135 **Physiologic Basis of Vasodilator Therapy for Heart Failure**
Jay N. Cohn
- 140 **Influence of Oral Prazosin Therapy On Exercise Hemodynamics in Patients with Severe Chronic Heart Failure**
Kanu Chatterjee, Stanley A. Rubin, Thomas A. Ports, William W. Parmley
- 147 **Prazosin and Congestive Heart Failure: Short- and Long-Term Therapy**
Jean-Lucien Rouleau, James W. Warnica, John H. Burgess
- 153 **Therapeutic Application of Prazosin in Chronic Refractory Congestive Heart Failure. Tolerance and "Tachyphylaxis" in Perspective**
Najam A. Awan, Kathleen E. Needham, Mark K. Evenson, Ezra E. Amsterdam, Dean T. Mason

CASE REPORTS

- 161 **Granulomatous Tenosynovitis and Carpal Tunnel Syndrome Caused by *Sporothrix schenckii***
Charles W. Stratton, Kenneth A. Lichtenstein, Steven R. Lowenstein, Dennis B. Phelps, L. Barth Reller
- 165 **Glossopharyngeal Neuralgia with Syncope Secondary to Tumor. Treatment and Pathophysiology**
Thomas R. Dykman, Erwin B. Montgomery, Jr., Patrick D. Gerstenberger, H. Evan Zeiger, William E. Clutter, Philip E. Cryer
- 169 **Chronic Paroxysmal Hemicrania. A New Type of Treatable Headache**
M. Seth Hochman

CONTENTS IN BRIEF

171 Syphilitic Aortic Aneurysm Presenting with the Superior Vena Cava Syndrome

Paul L. Phillips, James B. Amberson, Daniel M. Libby

174 The Clinical Spectrum of Renal Cholesterol Embolization

Michael C. Smith, Manash K. Ghose, Anthony R. Henry

181 Immune Complex-Mediated Renal Involvement in Relapsing Polychondritis

Luis R. Espinoza, Alan Richman, Thomas Bocanegra, Iliana Pina, Frank B. Vasey, Stephen I. Rifkin, Bernard F. Germain

184 Hypocalcemia with Osteoblastic Metastases in a Patient with Prostate Carcinoma. A Cause of Secondary Hyperparathyroidism

Robert C. Smallridge, H. Linton Wray, Marcus Schaaf

16 Information for Authors

Abstracts of Papers in This Issue (A53, A57, A65, A70, A77, A80)

The American Journal of Medicine®

CONTENTS IN BRIEF

EDITORIALS

- 189 **Doctors Abroad and at Home: American Medical Education in 1981**
Richard B. Devereux
- 193 **Fiber and the Gut**
Thomas P. Almy

MEDICINE, SCIENCE AND SOCIETY

- 196 **The Loss of Charity in the Practice of Medicine**
Richard C. Reynolds

CLINICAL STUDIES

- 199 **Listeria and Gram-Negative Bacillary Meningitis in New York City, 1972-1979. Frequent Causes of Meningitis in Adults**
Charles E. Cherubin, John S. Marr, Marcelino F. Sierra, Sindy Becker
- 210 **Septicemic Complications of the Cutaneous T-Cell Lymphomas**
Lawrence E. Posner, Byron E. Fossieck, Jr., Joyce L. Eddy, Paul A. Bunn, Jr.
- 217 **Cerebrospinal Fluid to Serum Glucose Ratios in Diabetes Mellitus and Bacterial Meningitis**
William J. Powers
- 221 **Long-Term Follow-Up of the Primary Hyperkinetic Heart Syndrome. An Echocardiographic and Hemodynamic Study**
Cesare Fiorentini, Maria T. Olivari, Paolo Moruzzi, Maurizio D. Guazzi
- 228 **Pattern of Breathing and Carbon Dioxide Retention in Chronic Obstructive Lung Disease**
Shahrokh Javaheri, Jay Blum, Homayoun Kazemi
- 235 **Serum High Density Lipoprotein Cholesterol Correlates with Presence but not Severity of Coronary Artery Disease**
John O. Swanson, Gordon Pierpont, Arnold Adicoff
- 240 **Alcohol Increases Sleep Apnea and Oxygen Desaturation in Asymptomatic Men**
Vicente C. Taasan, A. Jay Block, Philip G. Boysen, James W. Wynne
- 246 **Correlation of Plasma CEA and CEA Tissue Staining in Poorly Differentiated Colorectal Cancer**
R. Goslin, M. J. O'Brien, G. Steele, R. Mayer, R. Wilson, J. M. Corson, N. Zamcheck
- 254 **Early Appearance of MB-Creatine Kinase Activity in Non-Transmural Myocardial Infarction Detected by a Sensitive Assay for the Isoenzyme**
William E. Shell, Marcus A. DeWood, Miriam Kligerman, William Ganz, H. J. C. Swan

263 Light Chain Nephropathy

Raymond R. Tubbs, Gordon N. Gephardt, James T. McMahon, Phillip M. Hall, Rafael Valenzuela, Donald G. Vidt

SPECIAL ARTICLE

- 270 **Performance of U.S. Citizen-Foreign Medical Graduates on Certifying Examinations in Internal Medicine**
J. A. Benson, Jr., J. A. Meskauskas, L. J. Grosso

REVIEW

- 275 **Alcoholism: Blocks to Diagnosis and Treatment**
William D. Clark

CLINICOPATHOLOGIC CONFERENCE

- 287 **Renal Mass in a Man with Von-Hippel Lindau Disease (Washington University School of Medicine)**

CASE REPORTS

- 298 **Recovery of Adrenal Reserve Following Treatment of Disseminated South American Blastomycosis**
Steven R. Osa, Ralph E. Peterson, Richard B. Roberts
- 302 **Pituitary-ACTH Dependency of Nodular Adrenal Hyperplasia in Cushing's Syndrome. Report of Two Cases and Review of the Literature**
David C. Aron, James W. Findling, J. Blake Tyrrell, Paul A. Fitzgerald, Robert M. Brooks, Frank E. Fishor, Peter H. Forsham
- 307 **Trichinosis Terminating as Polyarteritis Nodosa in Two Patients**
Rida A. Frayha
- 313 **A Unique Patient with Coexisting Cerebrotendinous Xanthomatosis and B-Sitosterolemia**
Christina Wang, Hsiang Ju Lin, Tai-Kwong Chan, Gerald Salen, Woon-Cheung Chan, Tak-Fu Tse
- 320 **Kaposi's Sarcoma and Complicating Corticosteroid Therapy for Temporal Arteritis**
Frances Leung, Adel G. Fam, David Osoba
- 323 **Polyarteritis Nodosa, Hairy Cell Leukemia and Splenosis**
James J. Goedert, John R. Neefe, Frederick S. Smith, Neil Stahl, Elaine S. Jaffe, Anthony S. Fauci
- 274 **Information for Authors**
- 327 **In Appreciation**
- Abstracts of Papers in This Issue [A35, A42, A44, A48, A75, A78]**

The American Journal of Medicine®

CONTENTS IN BRIEF

EDITORIALS

- 331 Platelets and Atherosclerosis**
Babette B. Weksler, Ralph L. Nachman
- 334 Clinical Infections, Antibiotics and Immunosuppression: A Puzzling Relationship**
Thomas E. Miller, Derek K. North
- 337 Nutrition and Aging: Some Unanswered Questions**
Richard S. Rivlin

MEDICINE, SCIENCE AND SOCIETY

- 341 Anticancer Drug Development and Federal Regulation: Protection Against Progress?**
Franco M. Muggia with a commentary by Emil J. Freireich

CLINICAL STUDIES

- 345 Fever in Renal Transplant Recipients: Causes, Prognostic Significance and Changing Patterns at the University of Minnesota Hospital**
Phillip K. Peterson, Henry H. Balfour, Davis S. Fryd, Ronald M. Ferguson, Richard L. Simmons
- 352 Mineralocorticoid Hypertension Due to a Nasal Spray Containing 9 α -Fluoroprednisolone**
Franco Mantero, Decio Armanini, Giuseppe Opoclar, Francesco Fallo, Lorena Sampieri, Bruno Cuspidi, Cesare Ambrosi, Giovanni Faglia
- 358 Peritonitis in Cirrhotic Patients with LeVeen Shunts**
Gary P. Wormser, Richard C. Hubbard
- 363 Fungemia in the Immunocompromised Host. Changing Patterns, Antigenemia, High Mortality**
Franciose Meunier-Carpentier, Timothy E. Liehn, Donald Armstrong
- 371 Effect of Chronic Hypercalcemia on the Heart. An Analysis of 18 Necropsy Patients**
William C. Roberts, Bruce F. Waller
- 385 Circulating Thymic Hormone Activity in Patients with Primary and Secondary Immunodeficiency Diseases**
Tsutomu Iwata, Genevieve S. Incefy, Susanna Cunningham-Rundles, Elizabeth Smithwick, Nancy Geller, Richard O'Reilly, Robert A. Good
- 395 The Etiology of Anorectal Infections in Homosexual Men**
Thomas C. Quinn, Lawrence Corey, Robert G. Chaffee, Michael D. Schuffler, Frank P. Brancato, King K. Holmes
- 407 Pericardial Disease in Patients with Cancer. The Differentiation of Malignant from Idiopathic and Radiation-Induced Pericarditis**
Marshall R. Posner, Gary I. Cohen, Arthur T. Skarin
- 414 Familial Thyroid Hormone Resistance**
Marion H. Brooks, Anthony L. Barbato, Sonia Collins, Jean Garbincius, Richard G. Neidballa, Don Hoffman

- 422 Cardiovascular Reflexes During Long-Term Converting Enzyme Inhibition and Sodium Depletion. The Response to Tilt in Hypertensive Patients**
Robert J. Cody, Jr., Emmanuel L. Bravo, Fetnat M. Fouad, Robert C. Tarazi
- 427 Calcaneal Abnormalities and Erosive Bone Disease Associated with Sickle Cell Anemia**
Bruce M. Rothschild, Jeno I. Sebes
- 431 Disabling Angina Pectoris with Normal Coronary Arteritis in Patients Undergoing Long-Term Hemodialysis**
Eulalia Roig, Amadeo Betriu, Angel Castañer, Jordi Magriña, Ginés Sanz, Francisco Navarro-Lopez

REPORTS ON THERAPY

- 435 Use of Cefataxime, a β -Lactamase Stable Cephalosporin, in the Therapy of Serious Infections, Including Those Due to Multiresistant Organisms**
Elliot Francke, Harold C. Neu
- 443 Double-Blind, Randomized, Placebo-Controlled Comparison of Propranolol and Verapamil in the Treatment of Patients with Stable Angina Pectoris**
Stacy M. Johnson, David R. Mauritsen, James R. Corbett, Wayne Woodward, James T. Willerson, L. David Hillis
- 452 Comparison of Oral Aminophylline and Aerosol Metaproterenol in Asthma**
Chang Shim, M. Henry Williams

REVIEW

- 456 Changes in Plasma Potassium Concentration During Acute Acid-Base Disturbances**
Horacio J. Adrogué, Nicolaos E. Madias

CLINICOPATHOLOGIC CONFERENCE

- 468 Progressive Renal Failure with Hematuria in a 62 Year Old Man (Washington University School of Medicine)**

SPECIAL ARTICLE

- 475 Training Internists: Insights from Private Practice**
Jack D. McCue

CASE REPORTS

- 481 Cardiac Catheterization Under Echocardiographic Control in a Pregnant Woman**
Richard S. Meltzer, Patrick W. Serruys, Jackie McGhie, Paul G. Hungenholtz, Jos Roelandt
- 485 Mycobacterium fortuitum Pulmonary Infection Associated with an Antigen-Selective Defect in Cellular Immunity**
John F. Metcalf, Joseph F. John, Jr., Gregory B. Wilson, H. Hugh Fudenberg, Russell A. Harley

CONTENTS IN BRIEF

493 Acute Renal Failure, Hemolytic Anemia and Skin Rash Associated with Captopril Therapy

John R. Luderer, Anton C. Schoolwerth, Ronald A. Sinicropo, James O. Ballard, Donald P. Lookingbill, Arthur H. Hayes, Jr.

497 Evidence For Increased Permeability in Reexpansion Pulmonary Edema

Charles L. Sprung, James W. Loewenherz, Horst Baier, Mark J. Hauser

501 Chronic Blastomycotic Meningitis

Gary R. Kravitz, Scott F. Davies, Mark R. Eckman, George A. Sarosi

480 Information for Authors

506 CME Calendar

Abstracts of Papers in This Issue (A35, A39, A42, A47, A55, A62)

The American Journal of Medicine®

CONTENTS IN BRIEF

EDITORIALS

- 507 Antibiotic Therapy of Bacterial Meningitis: Lessons We've Learned**
Merle A. Sande
- 511 New Concepts of Immunodeficiency**
Ellis L. Reinherz, Fred S. Rosen
- 514 Prevention of Kidney Stones**
Fredric L. Coe

CLINICAL STUDIES

- 517 Neurologic Manifestations of Systemic Vasculitis. A Retrospective and Prospective Study of the Clinicopathologic Features and Responses to Therapy in 25 Patients**
Patricia M. Moore, Anthony S. Fauci
- 525 Sural Nerve Biopsy in Systemic Necrotizing Vasculitis**
Steven J. Wees, Il Nam Sunwoo, Shin Joong Oh
- 533 Distinctive Anthropometric Characteristics of Women with Mitral Valve Prolapse**
James E. Schutte, F. Andrew Gaffney, Lynda Blend, C. Gunnar Blomqvist
- 539 Measles Pneumonia in Young Adults. An Analysis of 106 Cases**
David H. Gremillion, George E. Crawford
- 543 Long-Term Follow-Up in Patients with Aplastic Anemia. A Study of 137 Androgen-Treated Patients Surviving More Than Two Years**
Yves Najean for Joint Group For The Study of Aplastic and Refractory Anemias
- 552 Long-Term Follow-Up of Ovarian Function in Women Treated with MOPP Chemotherapy for Hodgkin's Disease**
Richard L. Schilsky, Richard J. Sherins, Susan M. Hubbard, Margaret N. Wesley, Robert C. Young, Vincent T. DeVita
- 557 Idiopathic Familial Chondrocalcinosis Due to Apatite Crystal Deposition**
Juan C. Marcos, Maria A. De Benyacar, Osvaldo Garcia-Morteo, Alfredo S. Arturi, José A. Maldonado-Cocco, Victor H. Morales, Rubén P. Laguens
- 565 Abnormal Calcium-Regulated PTH Release in Normal Parathyroid Tissue from Patients with Adenoma**
Edward M. Brown, Richard E. Wilson, Joseph G. Thatcher, Samuel P. Marynick
- 571 Invasive Aspergillosis. Progress in Early Diagnosis and Treatment**
Bruce D. Fisher, Donald Armstrong, Bessie Yu, Jonathan W. M. Gold
- 578 Correction of Hypokalemia by Magnesium Repletion in Familial Hypokalemic Alkalosis with Tubulopathy**
Hans-Georg Gullner, John R. Gill, Jr., Frederic C. Bartter
- 583 Renal Manifestations of the Staphylococcal Toxic-Shock Syndrome**
Russell W. Chesney, P. Joan Chesney, Jeffrey P. Davis, William E. Segar

- 589 High-Density Lipoprotein-Cholesterol in Male Alcoholics with or without Severe Liver Disease**
Paul Devenyi, G. M. Robinson, B. M. Kapur, D. A. K. Roncari
- 595 Characterization of Hypocholesterolemia in Myeloproliferative Disease**
Harriet S. Gilbert, Henry Ginsberg, Richard Fagerstrom, W. Virgil Brown
- 603 Invasive External Otitis. Report of 21 Cases and Review of the Literature**
Robert M. Doroghazi, Joseph B. Nadol, Jr., Newton E. Hyslop, Ann S. Baker, Lloyd Axelrod

REPORTS ON THERAPY

- 615 Is Selective Therapy of Recurrent Nephrolithiasis Possible?**
Charles Y. C. Pak, Paul Peters, George Hurt, Melvin Kadesky, Myron Fine, David Reisman, Frank Splann, Calvin Caramela, Alan Freeman, Faye Britton, Kashayar Sakhaee, Neil A. Breslau
- 623 Prevention of Calcium Nephrolithiasis with Low-Dose Thiazide, Amiloride and Allopurinol**
Giuseppe Maschio, Nicola Tessitore, Angela D'Angelo, Antonia Fabris, Francesco Pagano, Andrea Tasca, Giorgio Graziani, Andriana Aroldi, Maurizio Surian, Giacomo Colussi, Alberto Mandressi, Alberto Trinchieri, Francesco Rocco, Claudio Ponticelli, Luigi Minetti
- 627 Circulatory Improvement After Hydralazine or Isosorbide Dinitrate Administration in Patients with Heart Failure. Effect on Metabolic Responses to Submaximal Exercise**
John R. Wilson

SYMPOSIUM ON NIFEDIPINE IN ANGINA PECTORIS

- 635 Introduction**
Burton E. Sobel
- 639 A New Rationale for the Clinical Approach to the Patient with Angina Pectoris**
Attilio Maseri, Sergio Chierchia
- 645 Interim Report of Multicenter Double-Blind, Placebo-Controlled Studies of Nifedipine in Chronic Stable Angina**
Hilrud S. Mueller, Robert A. Chahine
- 658 Beneficial Enhancement of Coronary Blood Flow by Nifedipine. Comparison with Nitroglycerin and Beta Blocking Agents**
Heinz-Jürgen Engel, Paul R. Lichtlen
- 667 Modification of Left Ventricular Response to Pacing Tachycardia by Nifedipine in Patients with Coronary Artery Disease**
Beverly H. Lorell, Zoltan Turi, William Grossman
- 676 Nifedipine and Propranolol: A Beneficial Drug Interaction**
Henry J. Dargie, Peter G. Lynch, Dennis M. Krikler, Louise Harris, Shirley Krikler

CONTENTS IN BRIEF

- 683 Influence of Nifedipine on Left Ventricular Systolic and Diastolic Function. Relationships to Manifestations of Ischemia and Congestive Failure**

Philip A. Ludbrook, Alan J. Tiefenbrunn, Burton E. Sobel

REVIEWS

- 693 Past and Current Roles for Cephalosporin Antibiotics in Treatment of Meningitis. Emphasis on Use in Gram-Negative Bacillary Meningitis.**

Sheldon H. Landesman, Michael L. Corrado, Prasad M. Shah, Maxime Armengaud, Michael Barza, Charles E. Cherubin

- 704 Cancer and the Kidney: Renal Complications of Neoplasms**

Mehmet F. Fer, T. Dwight McKinney, Ronald L. Richardson, Kenneth R. Hande, Robert K. Oldham, F. Anthony Greco

CLINICOPATHOLOGIC CONFERENCE

- 719 Anterior Chest Wall Abscess in a 29 Year Old Woman (Washington University School of Medicine)**

CASE REPORTS

- 729 Peripheral Destruction of Platelets in Chronic Lymphocytic Leukemia: Recognition, Prognosis and Therapeutic Implications**

Daniel B. Rubinstein, Dan L. Longo

- 733 Granulomatous Hepatitis Associated with Carbamazepine Therapy**

Mack C. Mitchell, John K. Boitnott, Alberto Arregui, Willis C. Maddrey

- 736 Multiple Pulmonary Arterial Aneurysms in Behcet's Disease and Hughes-Stovin Syndrome**

Pierre Durieux, Olivier Bletry, Gérard Huchon, Bernard Wechsler, Jacques Chretien, Pierre Godeau

- 634 Information for Authors**

- 742 Letters to the Editor**

Abstracts of Papers in This Issue (A37, A40, A53, A57, A60, A63, A66)

The American Journal of Medicine®

CONTENTS IN BRIEF

EDITORIAL

- 743 **Immune Complexes: A Clinical Perspective**
Ralph C. Williams

CLINICAL STUDIES

- 746 **Orthostatic Hypotension: A Commonly Unrecognized Cause of Symptoms in Mitral Valve Prolapse**
Alvani D. Santos, Puthenpurakal K. Mathew, Ahmad Hilal, Wayne A. Wallace
- 751 **Avascular Necrosis of Bone Complicating Treatment of Malignant Lymphoma**
J. C. Thorne, W. K. Evans, R. E. Alison, V. Fournasier
- 759 **Outbreak of Acute Pulmonary Histoplasmosis in Members of a Wagon Train**
Tracy L. Gustafson, Leo Kaufman, Robert Weeks, Libero Ajello, Robert H. Hutcheson, Jr., Stanley L. Wiener, Dwight W. Lambe, Jr., Tom A. Sayvetz, William Schaffner
- 767 **Adverse Effects of Liquid Protein Fast on the Handling of Magnesium, Calcium and Phosphorus**
Angelo A. Licata, Raphael Lantigua, John Amatruda, Dean Lockwood
- 773 **Prednisone-Induced Leukocytosis. Influence of Dosage, Method and Duration of Administration on the Degree of Leukocytosis**
Y. Shoenfeld, Y. Gurewich, L. A. Gallant, J. Pinkhas
- 779 **Kaposi's Sarcoma. Retrospective Study of 90 Cases with Particular Emphasis on the Familial Occurrence, Ethnic Background and Prevalence of other Diseases**
John J. DiGiovanna, Bijan Safai
- 784 **Maternal and Fetal Complications of Pregnancy in the Marfan Syndrome**
Reed E. Pyeritz
- 791 **The Lung in Systemic Lupus Erythematosus. Analysis of the Pathologic Changes in 120 Patients**
Helen M. Haupt, G. William Moore, Grover M. Hutchins
- 799 **Clinical Recognition of Giant Left Ventricular Aneurysm**
Jay A. Erlebacher, Lewis C. Becker, James L. Weiss, George P. Leili, Stephen C. Achuff, Nicholas J. Fortuin
- 806 **The Comparative Value of Serum Thyroglobulin Measurements and Iodine 131 Total Body Scan in the Follow-Up Study of Patients with Treated Differentiated Thyroid Cancer**
Michael W. Ashcraft, Andre J. Van Herle
- 815 **Treatment of Clostridium difficile Colitis and Diarrhea with Vancomycin**
J. Silva, Jr., D. H. Batts, R. Fekety, J. F. Plouffe, G. D. Rifkin, I. Baird
- 823 **Rapidly Progressive Silicon Nephropathy**
W. Kline Bolton, Paul M. Suratt, Benjamin C. Sturgill
- 829 **Exaggerated Pressor Responsiveness to Norepinephrine in Nonazotemic Diabetes Mellitus**
Carlo Beretta-Piccoli, Peter Weidmann

REPORTS ON THERAPY

- 836 **Successful Treatment of Legionella micdadei (Pittsburgh Pneumonia Agent) Pneumonia with Erythromycin**
Edward J. Wing, Frank J. Schafer, A. William Pasculle
- 841 **Single-Dose Cefaclor Therapy of Urinary Tract Infection. Evaluation of Antibody-Coated Bacteria Test and C-Reactive Protein Assay as Predictors of Cure**
R. N. Greenberg, C. V. Sanders, A. C. Lewis, R. L. Marier

REVIEWS

- 849 **Duration of Treatment of Urinary Tract Infections**
Calvin M. Kunin
- 855 **Clinical and Laboratory Findings and Results of Therapy in 58 Patients with Adrenocortical Tumors Admitted to a Single Medical Center (1951 to 1978)**
Christine Bertagna, David N. Orth

CLINICOPATHOLOGIC CONFERENCE

- 876 **Renal Failure, Dyspnea and Anemia in a 57 Year Old Woman (Washington University School of Medicine)**

CASE REPORTS

- 887 **Sudden Death Associated with Thyroid Hormone Abuse**
Shalender Bhasin, Warren Wallace, Jeffrey B. Lawrence, Michael Lesch
- 891 **Oral Clotrimazole in the Treatment of Esophageal Candidiasis**
Carla H. Ginsburg, Geoffrey L. Braden, Alfred I. Tauber, Jerry S. Trier
- 896 **Multiple Biatrial Myxomas Demonstrated by Two-Dimensional Echocardiography**
Kenneth P. Tway, Abid A. Shah, Shahbudin H. Rahimatoola
- 900 **Pyomyositis: Tropical Disease in a Temperate Climate**
Walter F. Schlech III, Patrick Moulton, Allen B. Kaiser
- 903 **Invasive Aspergillosis of the Lung and Pericardium in a Nonimmunocompromised 33 Year Old Man**
J. Allen D. Cooper, David L. Weinbaum, Thomas K. Aldrich, Gerald L. Mandell
- 908 **Reversal of Progressive, Life-Threatening Gold Hypersensitivity Pneumonitis by Corticosteroids**
Martin L. Levinson, Joseph P. Lynch III, James S. Bower
- 766 **Information for Authors**
- 846 **Letters to the Editor**
- Abstracts of Papers in This Issue [A24, A37, A40, A46, A57, A60, A74]**

The American Journal of Medicine®

CONTENTS IN BRIEF

EDITORIALS

- 913 **Collagen Disease: A New Perspective**
Carlo L. Mainardi, Andrew H. Kang
- 916 **On the Differential Diagnosis of Acute Renal Failure**
Donald E. Oken

CLINICAL STUDIES

- 921 **Effect of Euglycemia on the Outcome of Pregnancy in Insulin-Dependent Diabetic Women as Compared with Normal Control Subjects**
Lois Jovanovic, Maurice Druzin, Charles M. Peterson
- 928 **Laboratory Evaluation of an Outbreak of Nocardiosis in Immunocompromised Hosts**
Donald A. Stevens, Allan C. Pier, Blaine L. Beaman, Pius A. Morozumi, Ian S. Lovett, Elizabeth T. Houang
- 935 **Influence of Treatment and Response Status on Infection Risk in Multiple Myeloma**
Robert T. Perri, Robert P. Heibel, Martin M. Oken
- 941 **Reduction in Antibiotic Costs by Restricting Use of an Oral Cephalosporin**
Stephen J. Seligman
- 945 **Serologic Studies in a Family with Heterozygous C2 Deficiency**
Daniel J. McCarty, Eng M. Tan, Nathan J. Zvaifler, Susan Koethe, Rene J. Duquesnoy
- 949 **Heterogeneity of Cancer Cells from a Single Human Colon Carcinoma**
Daniel L. Dexter, Ellen N. Spremulli, Zuzana Fligel, James A. Barbosa, Renee Vogel, Abby VanVoorhees, Paul Calabresi
- 957 **Thyrotropin-Releasing Hormone Suppressed Gastric Acid Output in Patients with Zollinger-Ellison Syndrome and Systemic Mastocytosis**
Scot W. Hutton, John E. Morley, Michael K. Parent, Gerhard J. Johnson, Stephen E. Silvis
- 961 **Abnormal Prolactin Responsivity to Dopaminergic Suppression in Hyperprolactinemic Patients**
S. Bansal, L. A. Lee, P. D. Woolf
- 967 **Nephrotoxicity of Semustine (Methyl-CCNU) in Patients with Malignant Melanoma Receiving Adjuvant Chemotherapy**
Kenneth C. Micetich, Michael Jensen-Akula, Jean Claude Mandard, Richard I. Fisher

REPORTS ON THERAPY

- 973 **High-Dose Combined-Modality Therapy and Autologous Bone Marrow Transplantation in Resistant Cancer**
Dan Douer, Richard E. Champlin, Winston G. Ho, Gregory P. Sarna, John H. Wells, Peter R. Graze, Martin J. Cline, Robert Peter Gale

- 977 **Short-Term Efficacy of Oral Verapamil in Rest Angina. A Double-Blind Placebo Controlled Trial in CCU Patients**
Jawahar Mehta, Carl J. Pepine, Michael Day, Juan R. Guerrero, C. Richard Conti
- 983 **Piperacillin or Ticarcillin Plus Amikacin. A Double-Blind Prospective Comparison of Empiric Antibiotic Therapy for Febrile Granulocytopenic Cancer Patients**
James C. Wade, Stephen C. Schimpff, Kathryn A. Newman, Clarence L. Fortner, Harold C. Standiford, Peter H. Wiernik

SPECIAL ARTICLE

- 991 **When Doctors Meet Numbers**
Donald M. Berwick, Harvey V. Fineberg, Milton C. Weinstein

REVIEWS

- 999 **The Clinical Aspects of Biconal Gammopathies. Review of 57 Cases**
Robert A. Kyle, Robert A. Robinson, Jerry A. Katzmman
- 1009 **Prostaglandins and Ischemic Heart Disease**
Paul D. Hirsh, William B. Campbell, James T. Willerson, L. David Hillis

CLINICOPATHOLOGIC CONFERENCE

- 1027 **Headaches, Impaired Mentation, Diabetes Insipidus and Exophthalmosis in a 50 Year Old Man (Washington University School of Medicine)**

CASE REPORTS

- 1035 **Specific Immunoabsorption of IgG Antibody in a Patient with Chronic Lymphocytic Leukemia and Autoimmune Hemolytic Anemia. A New Form of Therapy for the Acute Critical Stage**
Emmanuel C. Besa, Prasanta K. Ray, Vanila K. Swami, Alexander Idiculla, Jonathan E. Rhoads, Jr., James G. Bassett, Rosaline R. Joseph, Donald R. Cooper
- 1041 **Axial Osteomalacia. Clinical, Laboratory and Genetic Investigation of an Affected Mother and Son**
Michael P. Whyte, Michael D. Fallon, William A. Murphy, Steven L. Teitelbaum
- 1051 **Ehlers-Danlos Syndrome with Abnormal Collagen Fibrils, Sinus of Valsalva Aneurysms, Myocardial Infarction, Panacinar Emphysema and Cerebral Heterotopias**
Leonard N. Cupo, Reed E. Pyeritz, Jean L. Olson, Stephen J. McPhee, Grover M. Hutchins, Victor A. McKusick
- 1059 **Bromocriptine Therapy for "Nonfunctioning" Pituitary Tumors**
Desmond G. Johnston, Keith Hall, Alan McGregor, William M. Ross, Pat Kendall-Taylor, Reginald Hall

CONTENTS IN BRIEF

1062 Fatal Disseminated Adenovirus 11 Pneumonia in an Agammaglobulinemic Patient

Frederick P. Siegal, Steven H. Dikman, Ricardo B. Arayata, Edward J. Bottone

1068 Sterilization of Ommaya Reservoir by Instillation of Vancomycin

Glen E. Sutherland, Elmer G. Palitang, J. Joseph Marr, Susan L. Luedke

1050 Letters to the Editor

1071 Author Index

1075 Subject Index

Abstracts of Papers in This Issue (A37, A40, A47, A50, A55, A58)

